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December 15, 1965 Volume 14, Number 11

TECHNICAL TRANSLATIONS

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FORMAT

This journal is separated into five sections:

(1) Bibliographic citations are divided into 22 major fields; they are further subdivided alphanumerically under 178 groups. References to sources of original text are given as they appear on the translation, with sufficient editing to assure uniformity in citations.

(2) Translations in Process lists titles of translations being prepared by government and private sources. All Special Foreign Currency Science Information (SFCSI) Program translations are listed (formerly PL 480 Program).

(3) Translated or Abstracted Publications lists titles of approximately 190 technical and scientific periodicals regularly translated into English. Included is a cross reference by English title.

(4) Translated Tables of Contents of recent issues of monographs, journals, and journal sections; they are preceded by a list of the English titles of the publications from which they are taken.

(5) Indexes: three indexes are arranged by author, journal and number.

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TECHNICAL TRANSLATIONS

01 AERONAUTICS

A. Aerodynamics

NCH-201 982 Field 1A, 12A

Chernyi, G. G.
THE PLANAR WING IN HYPERSONIC FLOW (Ploskoe Krylo v Giperzvukovom Potoke). Tr. by B. A. Woods. Jun 65, 14p, 1ref. RAE-Lib-Trans-1112.
Order from NLL

Trans. of Akademiya Nauk SSSR. Doklady, v161 n4 p791-4 1965.

TT-65-13775 Field 1A

Richter, G.
COMPARISON OF APPROXIMATION METHODS FOR CALCULATING THE PRESSURE DISTRIBUTION ON PROFILES AT SUBCRITICAL MACH NUMBERS WITH MEASUREMENTS (Vergleich von Naeherungsverfahren zur Berechung der Druckverteilung an Profilen bei Unterkritischen Machschen Zahler mit Messungen). 12p.
Order from SLA: $1.60 as TT-65-13775

Trans. of Lilienthal-Gesellschaft fuer Luftfahrtforschung (Germany) Rept n156 p188-93 1942.

TT-65-61875 Field 1A

Mathieu, J.
CONTRIBUTION TO THE AEROTHERMIC STUDY OF A FLAT JET EVOLVING IN THE PRESENCE OF A WALL. Thesis, Univ. of Grenoble. Nov 64, 61p. NASA-TT-F-9088; N65-14563.
Order from CFSTI or ETC: HC$5.00, MF$1.00 as N65-14563

Trans. of mono. Contribution a l'Etude Aerothermique d'un Jet Plan Evoluant en Presence d'une Paroi, Grenoble, 1959.

TT-65-61899 Field 1A, 12A

Babenko, K. I.; Voskresenskii, G. P.
NUMERICAL METHOD FOR THE ANALYSIS OF THREE-DIMENSIONAL SUPERSONIC GAS FLOW AROUND BODIES (Chislennyi Metod Rascheta Prostranstvennogo Obtekaniya Tel Sverkhzvukovym Potokom Gaza). Jan 65, 17p. NASA-TT-F-9231; N65-15060.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-15060

Trans. of Zhurnal Vychislitelnoi Matematiki i Matematicheskoi Fiziki (USSR) v1 n6 p1051-60 1961.
See also 'Translated or Abstracted Publications,' in TT Vol 14, No. 8.

TT-65-62479 Field 1A, 20M

Lunev, V. V.
CONDITIONS FOR SIMILITUDE IN THE CASE OF SLENDER BODIES WITH A HYPERSONIC TURBULENT BOUNDARY LAYER (Ob Usloviyakii Podobiya Dlya Giperzvukovogo Turbulentnogo Prograichnogo Sloya na Tonkikh Telakh). Mar 65, 11p. NASA-TT-F-9297; N65-19512.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-1952

Trans. of Akademiya Nauk SSSR. Izvestiya. Mekhanika i Mashinostroenie, n4 p13-7 1962.

TT-65-63181 Field 1A, 20I

Stulov, V. P.; Telenin, G. F.
NONEQUILIBRIUM SUPERSONIC AIR FLOW AROUND A SPHERE. 1965, 19p, 7refs.
Order from CFSTI, SLA or ETC: HC$1.60, MF$0.50 as TT-65-63181

Trans. of Akademiya Nauk SSSR. Izvestiya. Mekhanika (USSR) n1 p3-16 1965.

TT-65-63196 Field 1A, 20K, 22C

Nam Tum Po.
ON THE ROTATIONAL MOTION OF A SPHERE IN A HIGH-SPEED RAREFIED FLOW. 1965. 7p, 4refs.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63196

Trans. of Leningrad Univ. Vestnik (USSR) v19 n3 Seriya Matematiki, Mekhaniki i Astronomii p162-7 1964.

TT-65-63223 Field 1A, 20I

Gilinskii, S. M.; Lebedev, M. G.
INVESTIGATION OF THE FLOW AROUND PLANE AND AXISYMMETRIC BODIES WITH A DETACHED SHOCK BY A LOW SUPERSONIC VELOCITY STREAM. 1965, 10p, 9refs.
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Trans. of Akademiya Nauk SSSR. Izvestiya. Mekhanika (USSR) n1 p17-23 1965.

TT-65-63418 Field 1A, 20I

Gilinskii, S. M.; Lebedev, M. G.
ANALYSIS OF SUPERSONIC PERFECT GAS FLOW AROUND ELLIPTIC CYLINDERS. 1965, 8p, 5refs.
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Trans. of Akademiya Nauk, SSSR. Izvestiya. Mekhanika, n3 p182-6 1965.

TT-65-63529 Field 1A

Lozinskaya, T. A.; Kardashev, N. S.
OBSERVATIONS OF THE 21-cm LINE FOR THE STUDY OF THE SHAPE OF THE GALACTIC GASEOUS DISK. 10 Sep 62, 7p (foreign text included) 7refs. CSIRO-Trans-7331.
Order from CFSTI, SLA or ETC: HC$1.10, MF$0.50 as TT-65-63529

Trans. of Moscow Univ. Gosudarstvennoyi Astronomicheskii Institut. Soobshcheniya (USSR) n131 p37-41 1964.

TT-65-63647 Field 1A, 12A

Bulakh, B. M.
HIGH APPROXIMATIONS IN BOUNDARY LAYER THEORY (O Vysshikh Priblizheniyakh v Teorii Pogranichnogo Sloya). Tr. by J. W. Palmer. Dec 64, 14p, 4refs. RAE-Lib-Trans-1087.
Order from CFSTI, SLA or ETC: HC$1.60, MF$0.50 as TT-65-63647

Trans. of Prikladnaya Matematika i Mekhanika (USSR) v27 n3 p548-53 1964.

TT-65-63820 Field 1A, 20I

Korobeninikob, V. P.
ANALOGY BETWEEN CYLINDRICAL EXPLOSION AND HYPERSONIC GAS FLOW PAST BODIES. 10 Aug 65, 13p, 15refs. FTD-TT-65-981; AD-620 763.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as AD-620 763

Unedited rough draft trans. of Zhurnal Prikladnoi Mekhaniki i Tekhnicheskoi Fiziki (USSR) n6 p45-9 1962.

TT-65-63827 Field 1A, 20I

Pomerantsev, A. A.
ORIGINATION OF CONDENSATIONS IN SUPERSONIC FLOWS OF RAREFIED GASES. 12 Aug 65, 11p, 3refs. FTD-TT-65-621; AD-620 770.
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Unedited rough draft trans. of Inzhenerno-Fizicheskii Zhurnal (USSR) v7 n8 p59-63 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-63894 Field 1A

Baush, G.
SMALL PARAMETER METHOD IN THE PERFECT HYPERSONIC GAS FLOW AROUND POINTED BODIES. 1965, 5p, 3refs.
Available on loan from CFSTI as TT-65-63894

Trans. of Leningrad Univ. Vestnik (USSR) v18 n1 p86-9 1963.
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B. Aeronautics

NCH-201 141 Field 1B, 1E

Gavrilov, V. A.; Gorysin, V. I.
ON THE DETERMINATION OF LANDING VISIBILITY ON AERODROMES. 25 Jan 65, 7p, 2refs. Trans-F.91.
Order from NLL

Trans. of Glavnaya Geofizicheskaya Observatoriya, Leningrad. Trudy (USSR) n153(215) p18-23 1964.

C. Aircraft

TT-65-13776 Field 1C

Wittmeyer, H.
THE EFFECT OF AN OUTBOARD ENGINE ON THE FLUTTER CHARACTERISTICS OF A WING (INVESTIGATED WITH EXAMPLES) (Uber den Einfluss eines Aussenmotors auf die Flattereigenschaften eines Flugels (Untersucht an Beispielen)). 34p, 8refs.
Order from SLA: $3.60 as TT-65-13776

Trans. of Lilienthal-Gesellschaft fuer Luftfahrtforschung (Germany) Rept n135 p94-107 1941.

TT-65-13777 Field 1C

Prandtl, L.
THEORY OF THE AIRPLANE WING IN COMPRESSIBLE MEDIA. 15p.
Order from SLA: $1.60 as TT-65-13777

Trans. of Luftfahrtforschung (Germany) v13 n10 p31-9 1936.

TT-65-32512 Field 1C, 13A, 13J, 13L, 13H, 20K

USSR SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 12. 15 Sep 65, 195p. JPRS-32018.
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Contains abstracts of articles from Russian scientific and technical journals.
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TT-65-62772 Field 1C, 20K

Marinescu, Al.
CONTROL EFFECTS ON THE ELASTIC BLADE OF A HELICOPTER ROTOR (Efectul Comenzii La Palele Elastice Ale Rotorului de Elicopter). May 65, 20p. NASA-TT-F-9371; N65-23687.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-23687

Trans. of Academia Republicii Populare Romine. Institutul de Mecanica Aplicata. Studii si Cercetari de Mechanica Aplicata (Rumania) v14 n5 p1073-87 1963.

TT-65-63131 Field 1C, 1A

Vinogradov, R. I.
ON SIMILITUDE IN OSCILLATION OF BODIES IN A FLUID FLOW. 27 May 64, 17p, 4refs. FTD-MT-63-286; AD-619 558.
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Edited machine trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Aviatsionnaya Tekhnika (USSR) n4 p3-11 1962.

TT-65-63786 Field 1C, 22B

Krasnoshapka, N. G.
ON THE INFLUENCE OF EXTERNAL DRAG ON THE

STABILITY OF AN ELASTIC STRUCTURE UNDER FREE FLIGHT CONDITIONS. 1965, 7p, 6refs.
Order from CFSTI, SLA or ETC: HC$1.10, MF$0.50 as TT-65-63786

Trans. of Prikladnaya Mekhanika (USSR) v1 n6 p78-84 1965.

E. Air facilities

TT-65-13534 Field 1E, 13C

Wever, J.
PRESTRESSED CONCRETE ROADS AND AIRFIELDS IN HOLLAND AND ABROAD. 60p, 4refs.
Order from SLA: $5.60 as TT-65-13534

Trans. of Cement (Netherlands) v13 n1 p13-8, n2 p66-73, n3 p148-55, n4 p186-90 1961.
Another trans. is available from Cement and Concrete Association, 52 Grosvenor Gardens, London SWI L1, 60p.

02 AGRICULTURE

TT-65-32596 Field 2-, 5C

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A. Agricultural chemistry

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Chiang T'ao
ACCELERATE MANUFACTURE OF NITROGEN FERTILIZER EQUIPMENT TO SUPPORT AGRICULTURE.
12 Nov 64, 8p. JPRS-27325.
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Trans. of Chi Hsieh Kung Yeh (Chinese People's Republic) n3 p3-10 Feb 1963.

TT-65-32774 Field 2A, 13J

EAST EUROPEAN HEAVY INDUSTRY: TRANSLATIONS NO. 242. 6 Oct 65, 27p. JPRS-32284.
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Contains translations of selected articles from Aug 65 issues of various East German and Polish periodicals.

TT-65-63215 Field 2A

POISONOUS CHEMICALS--THEIR USE IN AGRICULTURE.
25 May 65, 3p. Trans-A-1472.
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Trans. of Zashchita Rastenii ot Vreditelei i Boleznei (USSR) v9 n10 p35 1964.
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B. Agricultural economics

TT-65-32495 Field 2B, 13B, 5K

THE PRAVDA EDITORIALS: TRANSLATIONS NO. 505.
14 Sep 65, 14p. JPRS-32001.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32495

Trans. from Pravda, Moscow (USSR) 9-11 Sep p1 1965.

TT-65-32667-A Field 2B

EAST EUROPEAN AGRICULTURE, FORESTRY AND INDUSTRIES: TRANSLATIONS NO. 394. 28 Sep 65, 44p. JPRS-32175.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32667-A

Contains translations of 4 selected articles from Jul/Aug 65 issues of various East German and Bulgarian periodicals.

C. Agricultural engineering

NCH-201 991 Field 2C

Berezantsev, V. G.
LIMITING LOADS IN THE INDENTATION OF A COHESIVE MATERIAL BY SPHERICAL AND CONICAL PUNCHES (Predelnoe Ravnovesie Svyaznoi Sredy pod Sfericheskimi i Monicheskimi Shtampami). Tr. by W. J. T. Horton. 1965, 7p, 4refs. NIAE-Trans-170.
Order from NLL

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, n7 p70-4 1955.

TT-65-27172 Field 2C

Samoilov, M. A.
PLANTMACHINES EN DE RESULTATEN VAN DE DAARMEE GEMAAKTE PROEFNEMINGEN. 14p. MTWL-1289.
Order from ETC: $1.60 as TT-65-27172

Trans. in Dutch of Visnyk Silskohospodarskoi Nauki (USSR) v3 n8 p79 1960.

TT-65-31385 Field 2C, 7D, 2A

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 192. 30 Jun 65, 39p. JPRS-30869.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31385

Contains summaries of translation of 4 selected articles from 1965 issues of various Communist Chinese journals.

TT-65-32471 Field 2C, 13H

COMMUNIST CHINA'S INDUSTRY AND MATERIALS: TRANSLATIONS NO. 80. 14 Sep 65, 25p. JPRS-31977.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as TT-65-32471

Contains summaries or translations of 8 selected articles from 1965 issues of various Communist Chinese newspapers.
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SOVIET AGRICULTURE: TRANSLATIONS NO. 95.
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Contains translations of selected articles from 1965 issues of various Russian newspapers.

TT-65-32518 Field 2C

USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 229.
16 Sep 65, 50p, 2refs. JPRS-32024.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-32518

Translations of 11 selected articles from 1965 issues of various Russian newspapers and periodicals.

TT-65-32614 Field 2C

USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 230. 23 Sep 65, 26p. JPRS-32121.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-65-32632 Field 2C

Andrienko, L.
EFFICIENT USE OF LAND UNDER IRRIGATION IN THE UKRAINE. Soviet Agriculture: Translations no. 96.
24 Sep 65, 8p. JPRS-32139.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32632

Trans. from Pravda Ukrainy (USSR) 24 Jun p2 1965.

TT-65-63219 Field 2C

Klimov, I. V.
DRAINAGE AND RECLAMATION OF NORTHERN SWAMPLAND (Osushenie i Osvoenie Zabolochennykh Zemel Severa). 25 May 65, 6p. Trans-A-1483.
Available on loan from CFSTI as TT-65-63219

Trans. of Gidrotekhnika i Melioratsiya (USSR) v16 n4 p56-9 1964.
Document is not reproducible and is available from the Clearinghouse on loan only.

TT-65-63520 Field 2C, 8M

Poletaev, A. F.
THE ROLLING OF DRIVING WHEELS (Kachenie Vedushchego Kolesa). Tr. by R. J. Zatorski. 1965, 18p (foreign text included) 2refs. CSIRO-Trans-6857.
Order from CFSTI, SLA or ETC: HC$1.60, MF$0.50
as TT-65-63520

Trans. of Traktory i Selkhozmashiny (USSR) v34 n1 p11-15 1964.

TT-65-63551 Field 2C

Podgorichani, V.
MACHINERY FOR TEA PLANTATIONS. 1965, 3p (figs omitted).
Order from CFSTI or ETC: HC$1.10, MF$0.50
as TT-65-63551

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TT-65-63552 Field 2C

Melnikov, L. A.
APPARATUS FOR SIMULTANEOUS LATERAL AND TRELLIS TRIMMINGS OF TEA BUSHES, MODEL BShP-1. 2p.
Order from CFSTI or ETC: HC$1.10, MF$0.50
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Trans. of Traktory i selkhozmashiny (USSR) v32 n12 p32 1962.

TT-65-63750 Field 2C, 8H

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THE WATERTABLE AND ITS 'CRITICAL' LEVEL (O Proektnoi, Ili 'Kriticheskoi', Glubine Gruntovykh Vod). Tr. by J. A. Collins. 1965, 25p (foreign text included) 20refs. Trans-7275.
Available on loan from CFSTI as TT-65-63750

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D. Agronomy and horticulture

TT-65-27160 Field 2D

Yudintseva, E. V.
EINFLUSS DER KALIUM-, NATRIUM UND KALZIUMVERBINDUNGEN AUF DIE ANSAMMLUNG VON ZASIUM-137 IM ERTRAG DER PFLANZEN (Vliyanie Soedinenii Kaliya, Natriya i Kaltsiya na Nakoplenie Tseziya-137 v Urozhae Rastenii). 27p, 16refs. MTWL-1277.
Order from ETC: $2.60 as TT-65-27160

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TT-65-28885 Field 2D

Kumano, Y.
NEW SOIL-TREATING COMPOSITE. 12 Mar 65, 9p. INT-2549/63 Japan.
Order from INT: $25.50 as INT-2549/63 Japan

Trans. of Patent (Japan) pub. 38-2549.
Patent filed 8 June 60, pub. 25 Mar 63.

TT-65-29157 Field 2D, 2C

Basnakyan, G. A.
THE SHATTERING AND THRESHABILITY OF GRAIN CROPS. 5p.
Order from ETC: $1.10 as TT-65-29157

Trans. of Vestnik Selskokhozyaistvennoi Nauki (USSR) n3 p59-63 1962.

TT-65-32515 Field 2D, 2E

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 391. 16 Sep 65, 21p. JPRS-32021. Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32515

Translations of selected articles from 1965 issues of various Czechoslovakian and East German periodicals.

TT-65-32595 Field 2D, 2E, 2C

COMMUNIST CHINA'S FOOD AND AGRICULTURE: TRANSLATIONS NO. 80. 22 Sep 65, 14p. JPRS-32102. Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32595

Contains translations of 4 selected articles from Aug/Sep 65 issues of the Communist Chinese newspaper, Jen-min jih-Pao.

TT-65-32664 Field 2D, 2A, 9C

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: ON TRANSLATIONS No. 219. 28 Sep 65, 67p. JPRS-32171. Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-32664

Contains summaries or translations of 5 selected articles from Jul 65, issues of the Communist Chinese periodical, K'o-hsueh T'ung-pao.

TT-65-32701 Field 2D, 2C

COMMUNIST CHINA'S FOOD AND AGRICULTURE: TRANSLATIONS NO. 81. 1 Oct 65, 20p. JPRS-32211. Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32701

Translations of 5 selected articles from 1965 issues of various Communist Chinese newspapers.

TT-65-32773 Field 2D, 2F

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 395. 6 Oct 65, 21p. JPRS-32283. Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32773

Translations of selected articles from 1965 issues of various Bulgarian and Yugoslavian periodicals.

TT-65-63549 Field 2D

Rakhimbayev, A. A.
INDUSTRIAL CHECK-UP OF THE NEW METHOD OF COTTON PLANTING. 17 Sep 65, 6p. Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63549

Trans. of mono. Problems of Melioration, Agrotechnics and Cotton Crop-Rotation, Tashkent, v4 1964. Available copy will not permit fully legible reproduction.

TT-65-63554 Field 2D

Guildiev, S. A.; Burgutbaev, Kh. K.
RESULTS OF AN EXPERIMENT ON PLANTING COTTON WITH THE 80 CM WIDE INTERROWS. 1965, 5p. Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63554

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TT-65-63778 Field 2D, 4B

Ivanova, A. S.
AGROCLIMATOLOGICAL HANDBOOK FOR THE AMURSKAYA OBLAST. 1965, 126p. ACSI-I-6251. Order from CFSTI or ETC: HC$10.10, MF$1.25 as TT-65-63778

Trans. of mono. Agroklimaticheskii Spravochnik po Amurskoi Oblasti, Leningrad, p3-135 1960.

TT-65-63981 Field 2D, 6F, 9C

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INSECT - KILLING ELECTRIC LAMPS FOR AGRICULTURAL USE. 1965, 8p (figs omitted). Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63981

Trans. of Tien Shih Chieh (ChinesePeople's Republic) v16 n8/11 p325-6 1963.

E. Animal husbandry

TT-65-32504 Field 2E

Chernysh, N.
EXPANDED SESSION OF THE COORDINATION COUNCIL ON THE PROBLEM OF FOOT-AND-MOUTH DISEASE. 15 Sep 65, 8p. JPRS-32010. Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32504

Trans. of Veterinariya (USSR) v42 n6 p118-20 1965.

TT-65-32615 Field 2E, 2D, 5C

MONGOLIA: TRANSLATIONS NO. 84. 23 Sep 65, 18p. JPRS-32122. Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32615

Translations of 4 selected articles from Jul/Aug 65 issues of various Mongolian newspapers.

TT-65-32670-A Field 2E

Kovacs, J.
TWENTY YEARS OF VETERINARY MEDICINE IN HUNGARY. 28 Sep 65, 35p. JPRS-32179. Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32670-A

Trans. of Magyar Allatorvosok Lapja (Hungary) v20 n6 p241-56 1965.

F. Forestry

TT-65-28328 Field 2F

Rudnev, D. F.; Kononova, N. E.
PARTICULARITES DE LA FORMATION DES FOYERS DE LA TORDEUSE DE RAMEAUX DU PIN ET INFLUENCE DES ENGRAIS SUR LAC-CROISSEMENT DE LA RESISTANCE DES CULTURES SYLVICOLES. 4p. CNRS-III 373.
Order from ETC: $1.10 as TT-65-28328

Trans. in French of mono. Nauchnaya Konferentsiya po Voprosam Massovykh Rasmnoienii Vreditelei Lesa, 1962.
Also available from CNRS.

TT-65-32593 Field 2F, 2C, 2B

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES, TRANSLATIONS NO. 393.
22 Sep 65, 20p. JPRS-32100.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32593

Contains translations of selected articles from 1965 issues of various East German, Polish and Rumanian periodicals.

03 ASTRONOMY AND ASTROPHYSICS

A. Astronomy

TT-61-11147-116 Field 3A, 4B, 8E, 22-

SOVIET-BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE NO. 116. 16 Sep 65, 91p. JPRS-32048.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-61-11147-116

Trans. of selected articles from publications of the Sino-Soviet Bloc countries, presented in the form of abstracts, summaries and occasional full translations on astronomy, meteorology, oceanograph terrestrial geophysics, upper atmosphere and space research and other scientific subjects.
Also available on subscription at $16.00/year ($20.00/year foreign mailing).
Available copy will not permit fully legible reproduction.

TT-65-63115 Field 3A

Chebotarev, G. A.
PLENUMS OF THE COMMISSIONS OF THE ASTRONOMICAL COUNCIL. 21 Aug 64, 5p. FTD-MT-64-18; AD-619 519.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 519

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TT-65-63510 Field 3A

Golnev, V. Y.; Pariiskii, Yu. N.; Soboleva, N. S.
POLARIZATION OBSERVATIONS OF THE OCCULTATION OF THE CRAB NEBULA BY THE SOLAR SUPERCORONA AT 6.3 cm. Tr. by P. A. Kazakov. 1965, 8p (foreign text included) 3refs. CSIRO-Trans-7286.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63510

Trans. of Glavnaya Astronomicheskaya Observatoriya, Pulkovo. Izvestiya (USSR) v23 n3 p22-4 1964.

TT-65-63562 Field 3A

Chikhachev, B. M.; Sorochenko, R. L.
EQUIPMENT FOR THE OBSERVATION OF THE H-LINE AT A WAVELENGTH OF 21 cm. Tr. by P. A. Kazakov. 1965, 12p (foreign text included). Trans-7393.
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Trans. of Proceedings of Conference on Questions of Cosmogony, Mar 9-12, 1955(no. 5), Moscow, 1956 p546-9; discussion, p550-3.

TT-65-63764 Field 3A

Shklovskii, I. S.
A POSSIBLE IDENTIFICATION OF THE X-RAY RADIATION SOURCE IN CONSTELLATION SCORPIUS WITH THE 'SPUR' - EXPLOSION REMNANT OF A SUPERNOVA NEAR THE SUN (Vozmozhnoe Otozhdestvlenie Istochnika Rentgenovskogo Izlucheniya v Sozvezdii Skorpiona s Otrogom - Ostatkom Vspyshki Blizkoi k Solntsu Sverkhnovoi Zvezdi). Tr. by A. Pingell. 18 May 64, 4p, 3refs. NRL-Trans-1006.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63764

Trans. of Astronomicheskii Tsirkulyar (USSR) n298 p3-4 1964.

TT-65-64132 Field 3A

GASEOUS NEBULAE AND GALAXIES: COMPREHENSIVE REPORT. 5 Aug 64, 246p, 65refs. ATD-U-64-87; AD-622 244.
Order from CFSTI, SLA or ETC: HC$6.00, MF$1.25 as AD-622 244

Review of Soviet open literature from 1958 to the present and some important articles from earlier sources.
Rept. on Surveys of Soviet-Bloc Scientific and Technical Literature.
Available copy will not permit fully legible reproduction.

B. Astrophysics

NCH-201 895 Field 3B

Eberlein, K.
THE He3-H2 STRATIFICATION IN PLANETARY NEBULAE. PART I. THE HYDROGEN - HELIUM MODEL (Die HeIII-HII-Schichtung in Planetarischen Nebeln. Teil 1. Das Wasserstoff-Helium Modell). Tr. by D. A. Sinclair. 1965, 24p, 6refs. NRC-TT-1181; NRC-C-5369.
Order from NRC: $1.50 as C-5369

Trans. of Zeitschrift fuer Astrophysik (West Germany) v38 p14-36 1955.

TT-65-13655 Field 3B

Kaminer, N. S.
COSMIC RAY INTENSITY VARIATIONS AND THE SOLAR WIND (Variatsii Intensivnosti Kosmicheskikh Luchei i Solnechnyi Veter). 22p (foreign text included) 22refs.
Order from SLA: $2.60 as TT-65-13655

Unedited rough trans. of Geomagnetizm i Aeronomiya (USSR) v1 n6 p911-6 1961.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-13672 Field 3B

Malkevich, M. S.
ANGULAR AND SPECTRAL VARIATION OF RADIATION REFLECTED BY THE EARTH INTO OUTER SPACE. 49p, 22refs.
Order from SLA: $4.60 as TT-65-13672

Trans. of Iskusstvennye Sputniki Zemli (USSR) v14 p30-48 1962.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-13701 Field 3B

Kippenhahn, R.
INVESTIGATIONS OF ROTATING STARS. I. THEORY OF ZERO ORDER. 30p, 9refs.
Order from SLA: $2.60 as TT-65-13701

Trans. of Zeitschrift fuer Astrophysik (West Germany) v38 n3 p166-89 1955.

TT-65-13703 Field 3B

Kippenhahn, R.
INVESTIGATION OF ROTATING STARS. PT II. THE THEORY OF THE FIRST ORDER. 37p, 12refs.
Order from SLA: $3.60 as TT-65-13703

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TT-65-13705 Field 3B

Kippenhahn, R.
INVESTIGATION OF ROTATING STARS. IV. THE STATE OF MOTION OF HYDROGEN IONIZATION ZONE IN THE CASE OF EARLY SPECTRAL TYPES. 10p, 11refs.
Order from SLA: $1.10 as TT-65-13705

Trans. of Zeitschrift fuer Astrophysik (West Germany) v48 n3 p203-12 1959.

TT-65-13706 Field 3B

Baker, N.; Kippenhahn, R.
INVESTIGATIONS OF ROTATING STARS. III. MERIDIONAL CIRCULATION IN THE CASE OF NON-RIGID ROTATION. 21p, 6refs.
Order from SLA: $2.60 as TT-65-13706

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TT-65-32491 Field 3B

Kasimenko, T. V.; Lure, M. A.; Zhdanov, G. B.; Aksenov, E. P.; Ivanov, V. V.
RECENT DEVELOPMENTS IN SOVIET ASTROPHYSICS. 14 Sep 65, 13p. JPRS-31997.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32491

Trans. of Akademiya Nauk SSSR. Vestnik, v35 n6 p94-5, 103-5, 114-7 1965.

TT-65-61880 Field 3B

Ornatskaya, O. I.
ON THE RESULTS OF CERTAIN WORKS ON THE THERMAL HISTORY OF THE MOON (Po Povodu Nekotorykh Rabot O Teplovoi Istorii Luni). Tr. by Andre L. Brichant. 22 Nov 64, 5p. NASA-TT-F-8997; N65-14604; ST-LPS-10246.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-14604.

Trans. of Astronomicheskii Zhurnal (USSR) v41 n5 p995-7 1964.
Contract NAS-5-3760.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-61885 Field 3B

Gurzadian, G. A.
POSSIBILITY OF X-RAY EMISSION BY RADIOWAVE SOURCES OF OUTER SPACE (Vozmozhnost Rentgenovskogo Izlucheniya U Kozmicheskikh Radioistochnikov). Tr. by Andre L. Brichant. 9 Dec 64, 9p. NASA-TT-F-9608; N65-14612; ST-IGA-10257.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as N65-14612

Trans. of Akademiya Nauk SSSR, Doklady, v158 n6 p1291-4 1964.
Contract NAS-5-3760.

TT-65-62461 Field 3B

Kuzmin, A. D.
ON VENUS MODEL WITH 'COLD' ABSORBING ATMOSPHERE (O Modeli Venery S 'Kholodnoy' Pogloshchayushchey Atmosferoy). 6 Apr 65, 16p. ST-LPS-10314; NASA-TT-F-9663; N65-21005.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-21005

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Radiofizika (USSR) v7 n6 p1021-31 1964.
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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-62732 Field 3B

Shcheglov, P. V.
TWILIGHT ENHANCEMENT OBSERVATION OF THE INFRARED HELIUM LINE 108 30 A (Nablyudenie Sumerochnoi Vspyshki Infrarkrasnov Linii Geliya 108 30 A). Tr. by Andre L. Brichant. 22 Jun 62, 5p, 1ref. NASA-TT-F-8245; N65-22588.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-22588

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TT-65-62733 Field 3B

Kanilov, A. D.; Yatsenko, S. P.
POSSIBILITY OF EXISTENCE OF HIGH ELECTRON CONCENTRATION IN THE NIGHT ATMOSPHERE OF VENUS (O Vozmozhnosti Sushchestvovaniya V Nochnoy Atmosfere Venery Vysokikh Elektronnykh Kontsentratsii). Tr. by Andre L. Brichant. 21 Jun 62, 6p, 8refs. NASA-TT-F-8244; N65-22589.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-22589

Trans. of Geomagnetizm i Aeronomiya (USSR)
v2 n2 p363-4 1962.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-62776 Field 3B

Dvoryashin, A. S.; Levitskii, L. S.; Pankratov, A. K.
EMISSION OF FLARES IN THE X-RAY REGION OF THE SPECTRUM (Izluchenie Vspyshek v Rentgenovoskoy Oblasti Spektra). Aug 62, 20p. NASA-TT-F-8273; N65-23902.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-23902

Trans. of Astronomicheskii Zhurnal (USSR) v39 n3 p428-38 1962.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-62777 Field 3B

Mustel, E. R.
ON THE SPATIAL STRUCTURE OF THE SOLAR CORONA (O Prostranstvennom Stroyenii Solnechnoi Koroni). Sep 62, 25p. NASA-TT-F-8275; N65-23903.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-23903

Trans. of Astronomicheskii Zhurnal (USSR) v39 n3 p418-27 1962.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-63525 Field 3B

Nikulin, N.
NEW DEVELOPMENTS IN THE MAGNETROGRAPH OF THE CREMEAN ASTROPHYSICAL OBSERVATORY OF THE ACADEMY OF SCIENCES OF THE USSR (Novoe Vskheme Magnitografa Krymskio Astrofizicheskio Observatorii AN SSSR). Tr. by B. Ribush. 1965, 14p (figs omitted) 5refs. CSIRO-Trans-7026.
Order from CFSTI or ETC: HC$1.60, MF$0.50 as TT-65-63525

Trans. of Akademiya Nauk SSSR. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya.
v31 p209-15 1964.
Another trans. is available from NLL 17s 6d as TT-65-41046, RTS 2808.

TT-65-63641 Field 3B

Gopasyuk, S. I.; Ogir, M. B.; Severnyi, A. B.; Shaposhnikova, E. F.
THE STRUCTURE OF MAGNETIC FIELDS AND THEIR VARIATIONS IN THE REGION OF SOLAR FLARES (Struktura Magnitnykh Polei i ee Izmeneniya v Raione Solnechnykh Vspyshek). Tr. by J. W. Palmer. Aug 64, 67p, 36refs. RAE-Lib-Trans-1074.
Order from CFSTI or ETC: HC$6.60, MF$0.75 as TT-65-63641

Trans. of Akademiya Nauk SSSR. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya.
v29 p15-67 1963.

TT-65-63727 Field 3B

Astapovich, I. S.; Fizmatgiz, M.
ELEMENTS OF THE PHYSICAL THEORY OF METEORS. Tr. by Rosemary Neiswender. 22 Sep 65, 22p, 36refs. RAND-LT-65-60.
Order from CFSTI or ETC: HC$2.60, MF$0.50 as TT-65-63727

Trans. of mono. Meteorne Iavlenlia v Atmosphere Zemli 1958 ch 24 22p.

TT-65-63736 Field 3B

Zasov, A. V.
RELATIONSHIP BETWEEN THE SPECTRUM AND THE LINEAR DIMENSIONS OF EXTRAGALACTIC RADIO SOURCES. Tr. by P. A. Kazakov. Mar 64, 6p (foreign text included) 3refs. Trans-7418.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63736

Trans. of Astronomicheskii Tsirkulyar (USSR) n291 p3-4 1964.

TT-65-63958 Field 3B

Stefanovich, N. N.
THE BEHAVIOR OF SOME LINES OF RARE-EARTH ELEMENTS ON THE SOLAR DISK. Tr. by Alice B. Dunn. 1965, 11p, 7refs. SRN-T-13; AD-621 193.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-621 193

Trans. of Akademiya Nauk SSSR. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya.
v17 p191-8 1957.
Another trans. is available from CFSTI as AD-413 920, $1.60, 9p.

TT-65-63959 Field 3B

Steshenko, N. V.; Khokhlova, V. L.
HE I EXCITATION IN CHROMOSPHERIC FLARES. Tr. by Alice B. Dunn. 1965, 24p, 28refs. SRN-T-15; AD-621 195.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-621 195

Trans. of Akademiya Nauk SSSR. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya.
v27 p120-39 1962.
Another trans. is available from CFSTI, SLA or ETC: HC$3.60, 32p.

TT-65-63960 Field 3B

Steshenko, N. V.; Khokhlova, V. L.
HELIUM EMISSION OF THE CHROMOSPHERIC FLARE OF SEPTEMBER 14, 1958. Tr. by Alice B. Dunn. 1965, 10p, 7refs. SRN-T-14; AD-621 196.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-621 196

Trans. of Akademiya Nauk SSSR. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya.
v23 p322-30 1960.
Other trans. are available from CFSTI or AD-413 941, $1.10, 8p; TT-62-24626, $1.60, 19p.

C. Celestial mechanics

TT-65-64131 Field 3C, 3B

PROBLEMS OF CELESTIAL MECHANICS: COMPREHENSIVE REPORT. 23 Jul 64, 146p, 46refs.

ATD-U-64-78; AD-622 243.
Order from CFSTI, SLA or ETC: HC$4.00, MF$1.00 as AD-622 243

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04 ATMOSPHERIC SCIENCES

A. Atmospheric physics

NCH-201 311 Field 4A, 20F

Guscin, C. P.
THE INVESTIGATION OF ATMOSPHERIC OZONE. 1965, 38p (figs omitted). NLL-M.5688.
Orderfrom NLL asM.5688

Trans. of mono. Investigation of Atmospheric Ozone, n.p. n.d. ch5 p131-178.

TT-65-61909 Field 4A, 3B

Marov, M. Ya.
ON THE DENSITY OF THE UPPER ATMOSPHERE IN THE YEARS OF SOLAR ACTIVITY MINIMUM (Plotnosti Verkhnei Atmosferi v Godi Minimuma Solnechnoi Aktivhosti). 12 Jan 65, 14p. NASA-TT-F-9625; N65-15161; ST-AI-10 274.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-15161

Trans. of Kosmicheskie Issledovaniya (USSR) v2 n6 p909-16 1964.
Contract NAS-5-3760.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

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TT-65-64091 Field 4B, 4A

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05 BEHAVIORAL AND SOCIAL SCIENCES

A. Administration and management

TT-65-31772 Field 5A

NEWS OF SOVIET SCIENTISTS AND SCIENTIFIC ACHIEVEMENTS. 28 Jul 65, 11p. JPRS-31275. Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as TT-65-31772

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TT-65-32374 Field 5A

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Trans. of K'o Hsueh T'ung Pao (Chinese People's Republic) n7 p634-48 1965. Shu Hsueh Chin Chan (Chinese People's Republic) v8 n1 p105-7 1965.

TT-65-32384 Field 5A, 13H

COMMUNIST CHINA'S INDUSTRY AND MATERIALS: TRANSLATIONS NO. 79. 7 Sep 65, 21p. JPRS-31890.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as TT-65-32384

Contains translations or summaries of 8 selected articles from 1965 issues of various Communist Chinese newspapers.

TT-65-32431 Field 5A

Mashrykov, K.; Kolodyazhnii, N.
NEWS OF SOVIET SCIENCE. 9 Sep 65, 15p. JPRS-31937.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32431

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TT-65-32519 Field 5A, 5C

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 512. 16 Sep 65, 54p, 12refs. JPRS-32025.
Order from CFSTI or ETC: HC$3.00, MF$0.50 as TT-65-32519

Translations of 7 selected articles from 1965 issues of various Bulgarian, Czechoslovakian, East German and Yugoslavian periodicals.

TT-65-32604 Field 5A

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APPLICATION OF SCIENCE TO RUMANIAN INDUSTRY: AN OPINION SURVEY. 22 Sep 65, 11p. JPRS-32111.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32604

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TT-65-32625 Field 5A

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 218. 24 Sep 65, 33p. JPRS-32132.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-32625

Contains summaries or translations of 6 selected articles from 1965 issues of Communist Chinese newspapers and periodicals.

TT-65-32704 Field 5A, 5C

COMMUNIST CHINA'S MANAGEMENT, TRADE AND FINANCE: TRANSLATIONS NO. 58. 1 Oct 65, 36p. JPRS-32214.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32704

Contains translations of selected articles from Sep 65 issues of various Communist Chinese newspapers.

TT-65-63824 Field 5A, 14A, 12B

Nuriev, Z.
TO INTRODUCE MORE RAPIDLY AND TO ADOPT NEW POTENTIALS. 20 Aug 65, 10p. FTD-TT-65-673; AD-620 767.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-620 767

Unedited rough draft trans. from Pravda, Moscow (USSR) 28 Jul p2 1964.

B. Documentation and information technology

TT-65-62612 Field 5B

Tiedemann, R.
CLAMPING BAR AS VISIBLE TAB WITH INSCRIPTION STRIP FOR FILING SYSTEMS, ESPECIALLY CARD FILES WITH GRIPPING TABS. 25 May 65, 10p (figs omitted) 3refs.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62612

Trans. of Patent (Germany) 1 033 179. Patent Class 11 e 28/04, International Class B 42 f; patented by Fortschritt Buro-Einrichtungs-Fabriken G.m.b.H.; appl. filed 23 Mar 53; announced and pub. 3 Jul 58.

C. Economics

TT-65-31421 Field 5C

NORTH VIETNAM'S ECONOMY: TRANSLATIONS NO. 182. 2 Jul 65, 129p. JPRS-30922.
Order from CFSTI or ETC: HC$4.00, MF$1.00 as TT-65-31421

Contains translations of 8 selected articles from 1965 issues of various North Vietnamese periodicals.

TT-65-31919 Field 5C

ECONOMIC REPORT ON NORTH KOREA NO. 160. 5 Aug 65, 71p. JPRS-31423.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-31919

Trans. of 13 selected articles from 1965 issues of North Korean periodicals and newspapers.

TT-65-32279 Field 5C

Velasco, C.
PRELIMINARY SCHEME OF A DRAFT OF THE ECONOMIC REGIONALIZATION OF CUBA. 31 Aug 65, 17p. JPRS-31784.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as TT-65-32279

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Geograficheskaya, n3 p110-9 1965.

TT-65-32369 Field 5C

ECONOMIC REPORT ON NORTH KOREA NO. 164. 7 Sep 65, 27p. JPRS-31875.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as

TT-65-32369

Contains translations of 4 selected articles from Jun/Jul 65 issues of various North Korean newspapers and periodicals.

TT-65-32375 Field 5C

Musakhanov, M.; Yatskov, V.
SOVIET ECONOMIC SYSTEM: STRUCTURE AND POLICY NO. 221. 7 Sep 65, 11p. JPRS-31881.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32375

Trans. from Ekonomicheskaya Gazeta (USSR) n25(202) p3, 23 1965.

TT-65-32377 Field 5C

USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 93. 7 Sep 65, 94p. JPRS-31883.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-32377

Contains translations of 21 selected articles from Jun/Jul 65 issues of various Russian newspapers and periodicals.

TT-65-32392 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 508.
7 Sep 65, 25p. JPRS-31898.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32392

Contains translations of 4 selected articles from 1965 issues of various Bulgarian and Yugoslavian periodicals.

TT-65-32432 Field 5C

SOVIET ECONOMIC SYSTEM: CURRENT DEVELOPMENTS NO. 101. 9 Sep 65, 15p. JPRS-31938.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32432

Contains primarily excerpts of articles on current developments in the Russian economy.

TT-65-32454 Field 5C

USSR INTERNATIONAL ECONOMIC RELATIONS: TRANSLATIONS NO. 39. 13 Sep 65, 26p. JPRS-31960.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32454

Contains translations of 5 selected articles from 1965 issues of various Russian periodicals.

TT-65-32456 Field 5C

THE SOVIET ECONOMIC SYSTEM: STRUCTURE AND POLICY NO. 222. 13 Sep 65, 27p. JPRS-31962.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-32456

Contains translations of 4 selected articles from Jul/Aug 65 issues of various Russian newspapers.

TT-65-32469 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 240. 14 Sep 65, 39p. JPRS-31975.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-32469

Translations of 4 selected articles from 1965 issues of various Intrabloc and East German periodicals. Available copy will not permit fully legible reproduction.

TT-65-32474 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 510.
14 Sep 65, 122p. JPRS-31980.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-65-32474

Contains translations of 4 selected articles from 1965 issues of Yugoslavian periodical, Financije.

TT-65-32490 Field 5C

SUMMARY OF THE RUMANIAN PROVINCIAL PRESS NO. 322.
14 Sep 65, 22p. JPRS-31996.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50
as TT-65-32490

Consists of full, partial or condensed translations or summaries based on all available Rumanian newspapers published 1-8 Aug 65 on political, sociological and economic subjects.

TT-65-32492 Field 5C

TRADE UNION ACTIVITIES IN ANGOLA. 14 Sep 65, 14p. JPRS-31998.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32492

Consists of translations of issues 4/5 Apr/May 65 of the French-language bulletin Le Travailleur de l'Angola.

TT-65-32496 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 511. 15 Sep 65, 67p. JPRS-32002.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-65-32496

Translations of selected articles from 1965 issues of various Bulgarian, East German and Rumanian periodicals.

TT-65-32516 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 241. 16 Sep 65, 48p. JPRS-32022.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-32516

Translations of 5 selected articles from 1965 issues of Bulgarian and Hungarian periodicals.

TT-65-32521 Field 5C

NORTH VIETNAM'S ECONOMY: TRANSLATIONS NO. 198. 16 Sep 65, 12p. JPRS-32027.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32521

Contains translations of 4 selected articles from Aug 65 issues of various North Vietnamese newspapers.

TT-65-32533 Field 5C, 5D

CUBA: TRANSLATIONS NO. 304. 16 Sep 65, 26p. JPRS-32039.
Order from CFSTI or ETC: HC$ 1.00, MF$0.50 as TT-65-32533

Contains translations of 8 selected articles and news briefs from 1965 issues of the Cuban periodical, Sierra Maestra.

TT-65-32538 Field 5C

SOVIET ECONOMIC SYSTEM: CURRENT DEVELOPMENTS NO. 102. 16 Sep 65, 13p. JPRS-32044.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32538

Contains primarily excerpts of articles on current developments in the Soviet economy.

TT-65-32564 Field 5C

USSR INTERNATIONAL ECONOMIC RELATIONS: TRANSLATIONS NO. 40. 20 Sep 65, 35p. JPRS-32071.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32564

Contains translations of 6 selected articles from Aug 65 issuesof various Russiannewspapers and periodicals

TT-65-32565 Field 5C

EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 402. 20 Sep 65, 56p. JPRS-32072.
Order from CFSTI, SLA or ETC: HC$3.00, MF$0.50 as TT-65-32565

Translations of 4 selected articles from 1965 issues of various Czechoslovakian, East German, Polish and Rumanian newspapers and periodicals.

TT-65-32567 Field 5C, 13F, 13J

PRESS INFORMATION REPORT ON ALBANIA NO. 146. 20 Sep 65, 12p. JPRS-32074.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32567

Contains translations of selected articles from 1965 issues of various Albanian newspapers.

TT-65-32569 Field 5C

USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 94. 20 Sep 65, 66p. JPRS-32076.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-32569

Contains translations of 12 selected articles from 1965 issues of various Russian newspapers and periodicals.

TT-65-32594 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 514. 22 Sep 65, 85p. JPRS-32101.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-32594

Contains translations of 6 selected articles from 1965 issues of various East German, Hungarian, Rumanian and Yugoslavian periodicals.

TT-65-32597 Field 5C, 5A

COMMUNIST CHINA'S INDUSTRY AND MATERIALS: TRANSLATIONS NO. 82. 22 Sep 65, 20p. JPRS-32104.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32597

Translations of 11 selected articles from 1965 issues of various Communist Chinese newspapers.

TT-65-32599 Field 5C

NORTH VIETNAM'S ECONOMY: TRANSLATIONS NO. 199. 22 Sep 65, 23p. JPRS-32106.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32599

Translations of 6 selected articles from 1965 issues of various Vietnamese newspapers

TT-65-32601 Field 5C

THE SOVIET ECONOMIC SYSTEM: STRUCTURE AND POLICY NO. 224. 22 Sep 65, 29p. JPRS-32108.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32601

Translations of selected articles from 1965 issues of various Russian newspapers and periodicals.

TT-65-32611 Field 5C

EAST EUROPEAN HEAVY INDUSTRY: TRANSLATIONS NO. 240. 23 Sep 65, 26p. JPRS-32118.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32611

Translations of selected articles from Aug 65 issues of various East German and Yugoslavian periodicals.

TT-65-32621 Field 5C

SOVIET ECONOMIC SYSTEM: CURRENT DEVELOPMENTS NO. 103. 23 Sep 65, 15p. JPRS-32128.

Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32621

Contains primarily excerpts of articles on current developments in Russian economy.

TT-65-32626 Field 5C

SOCIET ECONOMIC SYSTEM: STRUCTURE AND POLICY NO. 225. 24 Sep 65, 59p. JPRS-32133.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-32626

Trans. of Voprosy Ekonomiki (USSR) n6 p31-9, 77-88, 149-53 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-32631 Field 5C

Berri, L.
PLANNING THE PROPORTIONS OF SOVIET ECONOMIC DEVELOPMENT. Soviet Economic System: Structure and Policy No. 226. 24 Sep 65, 13p. JPRS-32138.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32631

Trans. from Ekonomicheskaya Gazeta (USSR) n33(210) p5-6 1965.

TT-65-32633 Field 5C

ECONOMIC REPORT ON NORTH KOREA NO. 165. 24 Sep 65, 58p. JPRS-32140.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-32633

Translations of 7 selected articles from Jul 65 issues of various North Korean newspapers and periodicals.

TT-65-32635 Field 5C, 5D

AFRICA: TRANSLATIONS NO. 260. 24 Sep 65, 44p. JPRS-32142.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-32635

Contains translations selected from various foreign-language sources on all countries of Africa, except Egypt.

TT-65-32639 Field 5C, 5I

BIOGRAPHIC INFORMATION ON LEADERS OF CZECHOSLOVAK INDUSTRY. Economic Organization and Management in Eastern Europe: Translations no. 515. 27 Sep 65, 14p. JPRS-32146.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32639

Trans. from Pravda (Czechoslovakia) 2 Aug p1; 4 Aug p1 and 6; 6 Aug p1; 9 Aug 1/2 1965.

TT-65-32640 Field 5C

NORTH VIETNAM'S ECONOMY: TRANSLATIONS NO. 200. 27 Sep 65, 17p. JPRS-32147.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32640

Contains summaries or translations of selected articles from Aug/Sep 65 issues of various North Vietnamese newspapers.

TT-65-32648 Field 5C

AFRICA: TRANSLATIONS NO. 261. 27 Sep 65, 21p. JPRS-32155.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32648

Contains translations of selected articles from various foreign-language sources on all countries of Africa, except Egypt.
Available copy will not permit fully legible reproduction.

TT-65-32651 Field 5C

PRESS INFORMATION REPORT ON ALBANIA NO. 158. 27 Sep 65, 23p. JPRS-32158.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50
as TT-65-32651

Contains translations of selected articles from various Albanian newspapers and periodicals.

TT-65-32666 Field 5C, 5D

AFRICA: TRANSLATIONS NO. 262. 28 Sep 65, 110p. JPRS-32173.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-65-32666

Contains translations selected from various foreign-language sources on all countries of Africa, except Egypt.

TT-65-32669 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 243. 28 Sep 65, 47p. JPRS-32177.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-32669

Contains translations of 4 selected articles from 1965 issues of various East German, Polish and Intrabloc newspapers and periodicals.

TT-65-32698 Field 5C, 5D

MONGOLIA: TRANSLATIONS NO. 85. 30 Sep 65, 43p. JPRS-32208.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-32698

Translations or summaries of 10 selected articles from Aug 65 issues of various Mongolian newspapers.

TT-65-32711 Field 5C

THE SOVIET ECONOMIC SYSTEM: STRUCTURE AND POLICY NO. 228. 1 Oct 65, 39p. JPRS-32221.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-65-32711

Contains translations of 6 selected articles from 1965 issues of various Russian newspapers

TT-65-32761 Field 5C

ECONOMIC REPORT ON NORTH KOREA NO. 166.
5 Oct 65, 35p. JPRS-32271.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as
TT-65-32761

Translations of 5 selected articles from 1965 issues of various North Korean newspapers.

TT-65-32763 Field 5C, 5D

THE PRAVDA EDITORIAL: TRANSLATION NO. 517.
5 Oct 65, 9p. JPRS-32273.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32763

Trans. from Pravda, Moscow (USSR) 2 Oct p1 1965.

TT-65-32767 Field 5C, 5D

Kudlay, A. S.
THE ROLE OF THE PARTY AND THE WORKERS IN THE POSTWAR RESTORATION OF THE UKRAINIAN ECONOMY. 6 Oct 65, 17p. JPRS-32277.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32767

Trans. of Voprosy Istorii KPSS (USSR) n9 p29-39 1965.

TT-65-64031 Field 5C

Kaplan, N.
CAPITAL INVESTMENTS IN THE SOVIET UNION, 1924-1951. 1965, 242p. RAND-RM-735; ATL-210431.
Order from CFSTI, SLA or ETC: HC$6.00, MF$1.25
as TT-65-64031

Trans. of mono. Capital Investments in the Soviet Union, 1924-51 1951 242p.
Available copy will not permit fully legible reproduction.

D. History, law and political science

TT-64-51382 Field 5D

Zhukov, E. M.; Pospelov, P. N.; Frantsev, Yu. P.; Khovostov, V. M.; Yudachev, S. A.
ALL-UNION CONFERENCE OF HISTORIANS. 28 Oct 65, 556p. JPRS-27126.
Order from CFSTI or ETC: HC$8.55, MF$2.50
as TT-64-51382

Trans. of mono. Vsesoyuznoe Soveshchanie Istorikov, Vsesoyuznoe Soveshchanie O Merakh Uluchsheniya Podgotovki Nauchno-Pedagogicheskikh Kadrov po Istoricheskim Naukam, 18-21 Dekabrya 1962 goda, Moscow, 1964 p518.

TT-65-31744 Field 5D

HUNG-CH'I (RED FLAG), NO. 7, 1965. Communist China no. 9. 26 Jul 65, 53p. JPRS-31247.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-31744

Trans. of Hung Ch'i (Chinese People's Republic) n7 p1-28 1965.

TT-65-32361 Field 5D, 5C

SUMMARY OF THE CZECHOSLOVAK PROVINCIAL PRESS NO. 322. 3 Sep 65, 26p. JPRS-31867.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as
TT-65-32361

Consists of full, partial or condensed translations or summaries based on all available Czechoslovakian newspapers published 31 Jul - 13 Aug 65 on political, sociological and economic subjects.

TT-65-32367 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 753. 7 Sep 65, 61p. JPRS-31873.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-32367

Contains translations of 9 selected articles from 1965 issues of various international Communist newspapers and periodicals.

TT-65-32389 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 181. 7 Sep 65, 33p. JPRS-31895.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-32389

Contains translations of selected articles from the political journals and newspapers of the various East European countries.

TT-65-32399 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 754. 8 Sep 65, 56p. JPRS-31905.
Order from CFSTI or ETC: HC$3.00, MF$0.50 as
TT-65-32399

Contains translations of selected articles from Aug 65 issues of the international Communist periodicals.

TT-65-32406 Field 5D, 5C

INDEX OF LA STAMPA AND LA STAMPA SERA NO. 276.
8 Sep 65, 9p. JPRS-31912.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32406

Consists of full, partial or condensed translations or summaries from the Italian newspapers La Stampa and La Stampa Sera published 23-9 Aug 65 on political, sociological and economic subjects.

TT-65-32466 Field 5D

THE PRAVDA EDITORIALS: TRANSLATIONS NO. 504. 14 Sep 65, 6p. JPRS-31972.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32466

Trans. from Pravda, Moscow (USSR) 8 Sep p1 1965.

TT-65-32483 Field 5D, 5C, 5K

SUMMARY OF THE CZECHOSLOVAK PROVINCIAL PRESS NO. 323. 14 Sep 65, 20p. JPRS-31989.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as TT-65-32483

Consists of full, partial or condensed translations or summaries based on all available Czechoslovakian newspapers published14-27 Aug 65 on political, sociological and economic subjects.

TT-65-32489 Field 5D, 5C

INDEX OF LA STAMPA AND LA STAMPA SERA NO. 277. 14 Sep 65, 9p. JPRS-31995.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as TT-65-32489

Consists of full, partial or condensed translations or summaries from the Italian newspapers La Stampa and La Stampa Sera published 30 Aug - 5 Sep 65 on political, sociological and economic subjects.

TT-65-32493 Field 5D, 5C

AFRICA: TRANSLATIONS NO. 254. 14 Sep 65, 70p. JPRS-31999.
Order from CFSTI or ETC: HC$3.00, MF$0.50 as TT-65-32493

Contains translations selected from various foreign-language sources on all countries of Africa, except Egypt.

TT-65-32513 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 183, 16 Sep 65, 50p. JPRS-32019.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32513

Contains translations of 4 selected articles from 1965 issues of various Polish, Rumanian and Yugoslavian journals and newspapers.
Available copy will not permit fully legible reproduction.

TT-65-32517 Field 5D, 5E

THE MIDDLE EAST: TRANSLATIONS NO. 161. 16 Sep 65, 16p. JPRS-32023.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as TT-65-32517

Contains translations selected from various foreign-language sources on all of the countries of the Middle East.

TT-65-32522 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 757. 16 Sep 65, 116p. JPRS-32028.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-65-32522

Translations of selected articles from 1965 issues of various international Communist newspapers and periodicals.

TT-65-32532 Field 5D, 5C

AFRICA: TRANSLATIONS NO. 256. 16 Sep 65, 76p. JPRS-32038.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-32532

Contains translations selected from various foreign language sources on all countries of Africa, except Egypt.

TT-65-32539 Field 5D

POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH VIETNAM: TRANSLATIONS NO. 212. 16 Sep 65, 22p. JPRS-32045.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32539

Contains summaries or translations of 7 selected articles from 1965 issues of the North Vietnamese newspaper, Quan Doi Nhan Dan.

TT-65-32542 Field 5D

THE PRAVDA EDITORIALS: TRANSLATIONS NO. 506. 16 Sep 65, 10p. JPRS-32049.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32542

Trans. from Pravda, Moscow (USSR) 12/3 Sep p1 1965.

TT-65-32568 Field 5D

COMMUNIST CHINESE DIGEST NO. 153. 20 Sep 65, 120p. JPRS-32075.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-65-32568

Consists of extracts or summaries concerning all major aspects of Chinese life.

TT-65-32570 Field 5D, 5C

THE PRAVDA EDITORIAL: TRANSLATION NO. 508. 20 Sep 65, 6p. JPRS-32077.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32570

Trans. from Pravda, Moscow (USSR) 15 Sep p1 1965.

TT-65-32571 Field 5D, 5C

AFRICA: TRANSLATIONS NO. 257. 21 Sep 65, 47p. JPRS-32078.
Order from CFSTI, SLA or ETC: HC$2.00, MF$0.50 as TT-65-32571

Contains translations selected from various foreign language sources on all countriesof Africa except Egypt.

TT-65-32573 Field 5D, 5C

SOUTH AND EAST ASIA: TRANSLATIONS NO. 95. 21 Sep 65, 39p., JPRS-32080.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32573

Contains summaries or translations of selected articles on all aspects of lifein the countries of South and East Asia.

TT-65-32579 Field 5D, 5C

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 758. 21Sep 65, 152p. JPRS-32086.
Order from CFSTI or ETC: HC$5.00, MF$1.50 as TT-65-32579

Contains translations of 19 selected articles from 1965 issues of various international Communist periodicals and newspapers.
Available copy will not permit fully legible reproduction.

TT-65-32585 Field 5D, 5C

INDEX OF LA STAMPA AND LA STAMPA SERA NO. 278. 21 Sep 65, 11p. JPRS-32092.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as TT-65-32585

Consist of full, partial or condensed translations or summaries from the Italian newspapers La Stampa and La Stampa Sera published 6-12 Sep 65 on political, sociological and economic subjects.

TT-65-32587 Field 5D

THE PRAVDA EDITORIALS: TRANSLATIONS NO. 509. 21 Sep 65, 13p. JPRS-32094.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32587

Trans. from Pravda, Moscow (USSR) 16-8 Sep p1 1965.

TT-65-32590 Field 5D

HUNG-CH'I (RED FLAG), NO. 9, 1965. Communist China no. 12. 22 Sep 65, 85p. JPRS-32097.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-32590

Trans. of Hung Ch'i (Chinese People's Republic) n9 p1-57 1965.

TT-65-32591 Field 5D

POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH VIETNAM: TRANSLATIONS NO. 213. 22 Sep 65, 56p. JPRS-32098.
Order from CFSTI or ETC: HC$3.00, MF$0.50 as TT-65-32591

Contains summaries or translations of 4 selected articles from 1965 issues of various Vietnamese newspapers, Nhan Dan and Quan Doi Nhan Dan.

TT-65-32598 Field 5D

HUNG-CH'I (RED FLAG) NO. 10. Communist China no. 13. 22 Sep 65, 69p. JPRS-32105.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-32598

Trans. of Hung Ch'i (Chinese People's Republic) n10 p1-45 1965.

TT-65-32606 Field 5D

AFRICA: TRANSLATIONS NO. 259. 23 Sep 65, 30p. JPRS-32113.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32606

Contains translations selected from various foreign-language sources on all of the countries of Africa.

TT-65-32607 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 759. 23 Sep 65, 128p. JPRS-32114.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-65-32607

Translations of 24 selected articles from 1965 issues of international Communist newspapers.

TT-65-32608 Field 5D

THE MIDDLE EAST: TRANSLATIONS NO. 162. 23 Sep 65, 34p. JPRS-32115.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32608

Contains translations selected from various foreign-language sources on all of the countries of the Middle East.

TT-65-32622 Field 5D

Chang Ai-ping
COMRADE LIU SHAO-CH'I AT THE REAR OF THE ENEMY IN HUAI-PEI. Political and Sociological Information on Communist China: Translations no. 306. 23 Sep 65, 15p. JPRS-32129.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32622

Trans. from Jen Min Jih Pao (Chinese People's Republic) 15 Aug p5 1965.

TT-65-32630 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 184. 24 Sep 65, 36p. JPRS-32137.
Order from CFSTI or ETC: HC$2.00, MF0.50 as TT-65-32630

Translations of selected articles from Jul/Aug 65 issues of various Bulgarian, Czechoslovakian and East German periodicals.

TT-65-32641 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 760. 27 Sep 65, 95p. JPRS-32148.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-32641

Contains translations of 10 selected articles from 1965 issues of international Communist newspapers and periodicals.
Available copy will not permit fully legible reproduction.

TT-65-32654 Field 5D

KOMMUNIST: TRANSLATIONS NO. 12. 28 Sep 65, 81p. JPRS-32161.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-32654

Trans. from Kommunist, Moscow (USSR) v42 n12 p3-12, 26-33, 74-84, 105-24 1965.

TT-65-32668 Field 5D, 5C, 5A

INDEX OF LA STAMPA AND LA STAMPA SERA NO. 279. 28 Sep 65, 11p. JPRS-32176.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32668

Consists of full, partial or condensed translations or summaries from the Italian newspapers La Stampa and La Stampa Sera published 13-9 Sep 65 on political, sociological and economic subjects.

TT-65-32700 Field 5D, 5C

THE PRAVDA EDITORIAL: TRANSLATION NO. 514. 30 Sep 65, 5p. JPRS-32210.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32700

Trans. from Pravda, Moscow (USSR) 25 Sep p1 1965.

TT-65-32703 Field 5D, 5C, 2B

POLITICAL AND SOCIOLOGICAL INFORMATION ON COMMUNIST CHINA: TRANSLATIONS NO. 307. 1 Oct 65, 54p. JPRS-32213.
Order from CFSTI or ETC: HC$3.00, MF$0.50 as TT-65-32703

Contains translations of 9 selected articles from 1965 issues of various Communist Chinese newspapers.

TT-65-32708 Field 5D, 5C

AFRICA: TRANSLATIONS NO. 264. 1 Oct 65, 55p. JPRS-32218.
Order from CFSTI or ETC: HC$3.00, MF$0.50 as TT-65-32708

Contains translations selected from various foreign-language sources on all countries of Africa, except Egypt.

TT-65-32710 Field 5D, 5C

CUBA: TRANSLATIONS NO. 307. 1 Oct 65, 32p. JPRS-32220.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32710

Translations of selected articles from 1965 issues of various Cuban periodicals.

TT-65-32766 Field 5D, 5C

INDEX OF LA STAMPA AND LA STAMPA SERA NO. 280. 6 Oct 65, 11p. JPRS-32276.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32766

Consists of full, partial or condensed translations or summaries from the Italian newspapers La Stampa and La Stampa Sera published 20-6 Sep 65 on political, sociological and economic subjects.

TT-65-32778 Field 5D, 5C

AFRICA: TRANSLATIONS NO. 266. 6 Oct 65, 71p. JPRS-32288.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-32778

Contains translations selected from various foreign-language sources on all countries of Africa, except Egypt.

TT-65-63800 Field 5D

Shchedrov, I.
HELLO, COMRAD LENIN (Tdrovstvuy, Tovarishch Lenin). 30 Jul 65, 5p (figs omitted). ACSI-I-7629E.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63800

Trans. from Pravda, Moscow (USSR) n.d.

TT-65-63801 Field 5D

Shchedrov, I.
FIFTEEN KILOMETERS FROM SAIGON (V Pyatnadtsati Kilometrakh Ot Saygona). 30 Jul 65, 5p (figs omitted). ACSI-I-7629-C.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63801

Trans. from Pravda, Moscow (USSR) 17 Jun p3 1965.

TT-65-63802 Field 5D

Shchedrov, I.
FIFTEEN KILOMETERS FROM SAIGON (V Pyatndtsati Kilometrakh Ot Saygona). 30 July 65, 5p (figs omitted). ACSI-I-7629-D.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63802

Trans. from Pravda, Moscow (USSR) 20 Jun p5 1965.

TT-65-63803 Field 5D

Zhukov, Y.
THE VIETNAMESE PEOPLE WILL TAKE THE VICTORY (Vyetnamskii Narod Oderzhit Pobedu). 30 Jul 65, 3p. ACSI-I-7629-B.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63803

Trans. from Pravda, Moscow (USSR) 19 Jun p3 1965.

I. Personnel selection, training and evaluation

TT-65-32330 Field 5I

Ovsyannikov, O. A.; Galperin, P. Ya.; Talyzina, N. F.; Targ, S. M.; Ponomarev, N. S.
MISCELLANEOUS STUDIES IN SOVIET HIGHER EDUCATION. 2 Sep 65, 31p. JPRS-31835.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32330

Trans. of Vestnik Vysshei Shkoly (USSR) v23 n6 p7-11, 19-24, 47-9, 81-5 1965.

TT-65-32634 Field 5I, 5D

POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH KOREAN: TRANSLATIONS NO. 107. 24 Sep 65, 66p. JPRS-32141.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-32634

Contains summaries or translations of 8 selected articles from Jul 65 issues of various North Korean newspapers and periodicals.

TT-65-32705 Field 5I, 5C

POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH VIETNAM: TRANSLATIONS NO. 216. 1 Oct 65, 25p. JPRS-32215.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32705

Translations of selected articles from Sep 65 issues of the North Vietnamese newspaper, Nhan Dan.

TT-65-64058 Field 5I, 22A

Ryabchikov, E.; Loginov, V.; Salmanov, L.
BIOLOGICAL DATA ON THE SPACE FLIGHTS OF A. NIKOLAYEVICH AND P. POPOVICH. SUPPLEMENT: TRAINING OF COSMONAUTS. 28 Sep 62, 4p. AID-62-157; AD-621 807.

Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-621 807

Trans. from Pravda, Moscow (USSR) 7 Aug p4 1962 and from Kommunist, Erevan (USSR) 8 Sep p3 1962.
Another trans. from Pravda is available from CFSTI or SLA, $1.10 as TT-63-13886, 8p, FTD-TT-62-1583.
Another trans. from Kommunist is available from CFSTI or SLA $1.10 as TT-63-13909, 8p, FTD-TT-62-1592.

K. Sociology

TT-65-32762 Field 5K, 8F

Wagret, J. M.
DEMOGRAPHIC, ETHNOLOGICAL AND OTHER SOCIOLOGICAL DATA ON THE CONGO (BRAZZAVILLE). Africa: Translations no. 265. 5 Oct 65, 84p. JPRS-32272.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-32762

Trans. of mono. Bibliotheque Constitutuloral et de Science Politique, Paris, 1963 p1-19, 121-86, 129-49, 195-225.

06 BIOLOGICAL AND MEDICAL SCIENCES

TT-65-32499 Field 6-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCE NO. 4. Kiangsi Medical Journal. 15 Sep 65, 21p. JPRS-32005.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32499

Contains abstracts of articles from Communist Chinese scientific journals, as well as translations published in the various series of the Russian Referativnii journal.

A. Biochemistry

NCH-200 502 Field 6A

Chirgadze, Yu. I.
ANALYSIS OF PEPTIDE GROUP VIBRATIONS. 1965, 9p, 14refs. NLL-M.5650; Trans-T-1474.
Order from NLL as M.5650

Trans. of Biofizika (USSR) v7 n5 p523-8 1962.

NCH-202 060 Field 6A

Shvachkin, Yu. P.; Berestenko, M. K.
ON THE POSSIBILITY OF THE EXISTENCE IN NATURE OF TWO NEWX-AMINO ACIDS:X -HYDROXYHOMOCITRULLINE AND B-(2-HYDROXYPYRIMIDYL-4)-ALANINE. May 65, 7p, 6refs. RTS-2822.
Order from NLL: 5s as RTS-2822

Trans. of Moscow Univ. Vestnik (USSR) v19 n3 p87-8 1964.

TT-65-13289 Field 6A

Sandri Cavicchi, G.
COMPARATIVE STUDY OF THE METHODS FOR THE DETERMINATION OF PEPSIN ACTIVITY. 7p, 7refs.
Order from SLA: $1.10 as TT-65-13289

Trans. of Bollettino Chimico-Farmaceutico (Italy) v103 n4 p164-7 1964.

TT-65-13640 Field 6A

Kinoshita, K.
PRODUCTION OF ITACONIC ACID AND MANNITOL BY A NEW FUNGUS, ASPERGILLUS ITACONICUS. 22p, 13refs.
Order from SLA: $2.60 as TT-65-13640

Trans. of Acta Phytochimica (Japan) v5 p271-87 1931.

TT-65-29507 Field 6A

Nasyrov, Yu. S.
THE USE OF C-14 FOR STUDYING THE PHOTOSYNTHETIC BALANCE OF THE PLANTS OF PHYTOCOENOSES. CCL-65/4.
Order from STC as CCL-65/4

Trans. of Botanicheskii Zhurnal (USSR) v47 p96-9 1962.

TT-65-63052 Field 6A

Maslova, A. F.
QUANTITATIVE DETERMINATION OF ACETYLCHOLINE IN BIOLOGICAL SPECIMENS BY A POLAROGRAPHIC METHOD. Tr. by H. Warfield. 13 Jan 65, 8p, 4refs. NIH-1-18-65.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63052

Trans. of Voprosy Meditsinkoi Khimii (USSR) v10 n3 p311-5 1964.

TT-65-63080 Field 6A

Brzhevskaia, O. N.; Lvov, K. M.; Nedelina, O. S.
QUESTION OF THE OCCURRENCE OF FREE RADICALS AT ENZYMATIC HYDROLYSIS OF ADENOSINE TRIPHOSPHATE (ATP). Tr. by Z. D. Knowles. 11 Jan 65, 4p, 6refs. NIH-1-10-65.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63080

Trans. of Biofizika (USSR) v9 n4 p500-1 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-63207 Field 6A

Borisova, O. F.; Tumerman, L. A.
LUMINESCENCE OF COMPLEXES OF ACRIDINE ORANGE WITH NUCLEIC ACIDS. Tr. by Z. Knowles. 3 Jun 65, 13p, 18refs. NIH-6-3-65.
Order from CFSTI or ETC: HC$1.60, MF$0.50 as TT-65-63207

Trans. of Biofizika (USSR) v9 n5 p537-44 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

B. Bioengineering

TT-65-62123 Field 6B

Sidorov, O. A.
HUMAN PHYSIOLOGICAL FACTORS IN THE DESIGN OF MACHINE CONTROL STATIONS. 17 Dec 64, 223p, 58refs. ACSI-I-5670.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as TT-65-62123

Trans. of mono. Fiziologicheskie Faktory Cheloveka, Opredelyaiushchie Komponovku Upravleniya Mashinoi, Moscow, 1962 p18-39, 88-247, 289, 359.
Available copy will not permit fully legible reproduction.

C. Biology

NCH-200 091 Field 6C, 8A

Pavshtiks, E. A.
SPECIES COMPOSITION AND QUANTITATIVE DISTRIBUTION OF THE ZOOPLANKTON OF SOUTH-WEST GREENLAND (DAVIS STRAIT). Tr. by C. A. McLean. 1965, 15p, 15refs. MAFF-Trans-NS-58.
Order from NLL

Trans. of Materials of the Session of the Scientific Council of PINRO on the Results of Investigations carried out in 1962-63, Murmansk, 14p 1964.

NCH-200 092 Field 6C, 8H

Burmakin, E. V.
THE ABSOLUTE ABUNDANCE OF THE PERCH AND ITS ICHTHYOMASS IN SMALL LAKES (RESULTS OF TOTAL DESTRUCTION OF FISH BY CHEMICAL MEANS). Tr. by C. A. McLean. 1965, 3p. MAFF-Trans-NS-55.
Order from NLL

Trans. of Akademiya Nauk SSSR. Ikhtiologicheskaya Komissiya. Trudy Soveshchanii, n13 p235-7 1961. Presented at the Conference on the Population Dynamics of Fishes, Moscow, 1960.

NCH-200 177 Field 6C, 8A, 8C

Yashnov, V. A.
PLANKTON AS CURRENTS AND WATER MASSES INDICATOR (ACCORDING TO THE COLLECTIONS OF THE FIRST CRUISE OF MICHAEL LOMONOSOV). 1963, 7p, 2refs. NLL-M.5285.
Order from NLL as M.5285

Trans. of Papers of the Conference on the Problem 'Interaction between the Atmosphere and the Hydrosphere in the North Atlantic (no. 13)', Leningrad, v3-4 p61-5 1961.

NCH-200 216 Field 6C

Grushvitskij, I. V.; Agnaeva, E. Ya.; Kuzina, E. F.
ON THE VARYING QUALITY OF MATURE CARROT SEEDS DEPENDING ON THE SIZE OF EMBRYO (O raznokachestvennosti zrelykh semyan morkovi po velichine zarodysha). Jan 65, 9p, 8refs. RTS-2704.
Order from NLL: 15s as RTS-2704

Trans. of Botanicheskii Zhurnal (USSR) v48 n10 p1484-9 1963.

NCH-201 344 Field 6C

Vasnetsov, V. V.
AN ATTEMPT AT COMPARATIVE ANALYSIS OF THE GROWTH OF THE CYPRINIDS. Tr. by C. A. McLean. 1964, 57p, 44refs. MAFF-Trans-NS-42
Order from NLL

Trans. of Zoologicheskii Zhurnal (USSR) v13 n3 p540-82 1934.

NCH-201 352 Field 6C

Nesis, K. N.
THE DISTRIBUTION OF BOREAL BEN THIC FAUNA OFF THE C OASTS OF WEST SPITSBERGEN. Tr. by C. A. McLean. 1965, 8p, 16refs. MAFF-Trans-NS-37.
Order from NLL

Trans. of Akademiya Nauk SSSR. Doklady, v127 n3 p677-80 1959.

NCH-201 471 Field 6C

Smirnov, A. M.
NEW METHODS OF INVESTIGATION IN THE PHYSIOLOGY OF PLANTS. CULTURE OF ROOTS AND B UDS ISOLATED FROM PLANTS (Kultura Izolirovannykh Kornei i Zarodyschei Rastenii). Mar 65, 11p. RTS-2628.
Order from NLL: 10s as RTS-2628

Trans. of Akademiya Nauk SSSR. Vestnik, v33 n2 p73-6 1963.
Another trans. is available from CFSTI $0.50 as TT-63-31944.

NCH-201 479 Field 6C

Butenko, R. G.
CULTURE OF PLANT ISOLATED TISSUES AND CELLS (Kultura Izolirovannykh Tkanei i Kletok Rastenii). Mar 65, 10p. RTS-2629.
Order from NLL: 10s as RTS-2629

Trans. of Akademiya Nauk SSSR. Vestnik v33 n2 p76-9 1963.
Another trans. is available from CFSTI $0.50 as TT-63-31944.

NCH-201 490 Field 6C, 6A

Korzhuev, P. A.; K hudaiberdiev, S. R.
CHARACTERISTICS OF PROTEIN DIGESTION IN THE LEECHES HIRUDO MEDICINALIS AND HAEMOPIS SANGUISUGA (Ob Osobennostyakh Perevarivaniya Belkov u Krovososushchikh i Khishchnykh Piyavok Hirudo Medicinalis i Haemopis Sanguisuga). Mar 65, 8p. RTS-2691.
Order from NLL: 12s 6d as RTS-2691

Trans. in Akademiya Nauk SSSR. Izvestiya. Seriya Biologicheskaya, v2 p907-11 1937.

NCH-201 491 Field 6C

Tobias, V. I.
CONTRIBUTION TO THE FAUNA OF THE SUBFAMILY ALYSUNAE (HYMENOPTERA, BRACONIDAE) OF THE LENINGRAD REGION. Jan 65, 30p. RTS-2683.
Order from NLL: 40s as RTS-2683

Trans. of Akademiya Nauk SSSR. Zoologicheskii Institut. Trudy, v29 n31 p118-36 1962.

NCH-201 890 Field 6C

Vittig, G.
CYCLIC ACETYLENIC HYDROCARBONS WITH A SMALL NUMBER OF CARBON ATOMS IN THE RING (Tsiklicheskie Atsetilenovye Uglevodorody s Malym Chislom Uglerodnykh Atomov v Koltse). Tr. by V. N. Pavloff. 1965, 12p. NRC-TT-1183; NRC-C-5475.
Order from NRC: $1.00 as C-5475

Trans. of Vsesoyuznoe Khimicheskoe Obshchestvo. Zhurnal (USSR) v7 n4 p362-66 1962.

NCH-201 962 Field 6C, 8A

Nikolaev, I. I.
PLANKTON AS A FACTOR IN THE DISTRIBUTION AND PRODUCTIVITY OF PLANKTON-EATING FISHES IN THE BALTIC SEA. Tr. by C. A. McLean. 1965, 15p, 12refs. MAFF-Trans-NS-69.
Order from NLL

Trans. of Akademiya Nauk SSSR. Ikhtiologicheskaya Komissiya. Trudy Soveshchanii, n13 p364-73 1961.

NCH-201 999 Field 6C

Petrakhilev, I. M.
INTERGENERIC HYBRIDS OF RASPBERRY (Mezhrodove Gibridy Maliny). Jul 65, 9p. RTS-2810.
Order from NLL: 7s 6d as RTS-2810

Trans. of Priroda (USSR) v47 n8 p109-11 1958.

NCH-202 007 Field 6C, 2E

Cheredkova, A. N.
THE EFFECT OF CERTAIN FOODS ON GASTIRC SECRETION IN PIGS (Vliyanie Nekotorykh Pishchevykh Veshchestv na Zheludochnuyu Sekretsiyu u svine). 1965, 6p. RTS-2940.
Order from NLL: 10s as RTS-2940

Trans. of Veterinarnyi Institut, Leningrad. Sbornik Rabot (USSR) v15 p133-6 1955.

NCH-202 009 Field 6C

Gupalo, P. I.
THE PROBLEMS OF SENESCENCE AND REJUVENESCENCE OF PLANTS AND ITS IMPORTANCE IN PLANT RAISING (Problema Ontogeneticheskogo Stareniya i Omolozheniya Rastenii i ee Znachenie v Rastenievodstva). 1965, 30p, 111refs. RTS-2957.
Order from NLL: 37s 6d as RTS-2957

Trans. of Moskovskoe Obshchestvo Ispytatelei Prirody. Byulleten. Otdel Biologicheskii (USSR) v62 n5 p77-91 1957.

NCH-202 028 Field 6C

Muromtsev, G. S.; Trofimova, M. G.
THE EFFECT OF A SOVIET GIBBERELLIN PREPARATION OF POTATOES IN FIELD TRAILS (Deistvie Otechestvennogo Preparata Gibberellina na Kartofel v Usolviyakh Polevogo Opyta). May 65, 11p, 4refs. RTS-2707.
Order from NLL: 10s as RTS-2707

Trans. of mono. Gibberellin i ikh Deistie na Rastoniya, 1963 p323-6.

NCH-202 033 Field 6C

Kondratyeva, N. V.
ON THE DISTRIBUTION OF CYANOPHYCEAE IN THE LAKES OF THE UKRAINIAN S.S.R. (Pro Rospodil Synozelenykh Vodorostei v Ozerakh Ukrayinskoi R.S.R.). May 65, 18p, 51refs. RTS-2864.
Order from NLL: 20s as RTS-2864

Trans. of Ukrayinskyi Botanichnyi Zhurnal (USSR) v21 n2 p95-103 1964.

NCH-202 035 Field 6C, 13I

Pashkov, V. S.; Kondrashenko, V. K.
EFFECT OF DENSITY OF PACKING ON THE MECHANICAL STRENGTH OF TOBACCO LEAF LAMINA AND SHREDS (Vliyanie Plotnosti Topa na Mekhanicheskuiu Prochnost Plastinki Tabachnogo Lista i Volokna).
May 65, 5p. RTS-2858.
Order from NLL: 5s as RTS-2858

Trans. of Tabak (USSR) v25 n1 p38-9 1964.

NCH-202 042 Field 6C

Vladimirov, V. L.
THE MORPHOLOGY AND BIOLOGY OF THE CERCARIA OF POSTHODIPLOSTOMUM CUTICOLA (N ORDMAN N, 1832) DUBOIS 1936. THE CAUSATIVE AGENT OF BLACK-SPOT-DISEASE IN FISH. May 65, 6p. RTS-2893.
Order from NLL: 7s 6d as RTS-2893

Trans. of Akademiya Nauk SSSR. Doklady, v135 n4 p1009-11 1960.

NCH-202 057 Field 6C

Utekhin, B. P.; Bakeeva, E. N .
CONCERNING THE METHODS OF STUDYING THE INTESTINAL DIGESTION IN PIGS (K Metodike Izucheniya Kishechnogo Pischevareniya u Eviney).
May 65, 9p, 4refs. RTS-2839.
Order from NLL: 5s as RTS-2839

Trans. of Fiziologicheskii Zhurnal SSSR, v40 n2 p235-6 1954.

NCH-202 063 Field 6C

Chuzhakina, E. S.
MORPHOLOGICAL CHARACTERIZATION OF THE OVARIES OF THE FEMALE SPERM WHALE (PHYSETER CATODEN L, 1758) IN CONNECTION WITH AGE DETERMINATION. Tr. by G. A. Thompson. May 65, 21p, 15refs. NIOT-81.
Order from NLL

Trans. of Akademiya Nauk SSSR. Institut Morfologii Zhivotnykh. Trudy, n34 p35-53 1961.

TT-65-13240 Field 6C, 6E

Pajtas, J.
FAMILIAL, HEREDITARY, TOTAL HYPERTRICHOSIS IN 4 GENERATIONS (Totale Familiaere Hereditaere Hypotrichose in 4 Generationen). 2p (figs omitted).
Order from SLA: $1.10 as TT-65-13240

Trans. of Dermatologica (Switzerland) v101 n2 p90-3 1950.

TT-65-27144 Field 6C

Bogoyavlenskaya, R. A.
SPEZIALISIERUNG DER ART PUCCINIA GLUMARUM (SCHMIDT) ERIKS ET HENN (Spetsializatsiya Vida Puccinia Glumarum (Schmidt) Eriks et Henn). 13p, 14refs. MTWL-1259.
Order from ETC: $1.60 as TT-65-27144

Trans. in German of Botanicheskii Zhurnal (USSR) v47 n8 p1197-201 1962.

TT-65-27145 Field 6C

Rogash, A. R.
NEUE FASTERFLACHSSORTEN (Novye Sorte L'na-Dolguntsa). 13p. MTWL-1260.
Order from ETC: $1.60 as TT-65-27145

Trans. in German of Unidentified Russian language mono., Moscow, 1963.

TT-65-27147 Field 6C

Zaar, E. L; Yakovleva, B. A.
DER EINFLUSS VON HETEROAUXIN AUF DAS WACHSTUM DER RUHENDEN KNOSPEN VON THEOBROMA CACAO L (Vliyanie Geteroauksina na Rost Spyashchikh Potsek u Theobroma Cacao L). 6p, 6refs. MTWL-1262.
Order from ETC: $1.10 as TT-65-27147

Trans. in German of Botanicheskii Zhurnal (USSR) v47 n2 p280-2 1962.

TT-65-27152 Field 6C

Tadic, M.
DE PERSPECTIEVEN VAN DE ONTWIKKELING VAN DE BIOLOGISCHE BESTRIJDING VAN SCHADELIJKE INSEKTEN IN JOEGOSLAVIE (Perspektive Razvoja Bioloskog Suzbijanja Stetnik Insekata u Jugoslaviji). 5p, 2refs. MTWL-1267.
Order from ETC: $1.10 as TT-65-27152

Trans. in Dutch of Unidentified Serbo-Croat language article, 1964.

TT-65-27157 Field 6C

Bushueva, T. M.
DIE ROLLE VON KALZIUM IN DER PFLANZENZELLE (O Roli Kaltsiya v Rastitelnoi Kletke). 34p, 103refs. MTWL-1274.
Order from ETC: $3.60 as TT-65-27157

Trans. in German of Botanicheskii Zhurnal (USSR) v49 n3 p439-49 1964.

TT-65-27161 Field 6C

Likhachev, G. N.
DIE VERMEHRUNG UND ANZAHL DER HASELMAUSE (Razmnozhenie i Chislennostoreshkovoi Soni). 21p. MTWL-1278.
Order from ETC: $2.60 as TT-65-27161

Trans. in German of Zoologicheskii Zhurnal (USSR) v33 n5 p1171-82 1954.

TT-65-27162 Field 6C

Koehler, W.
UBER DAS TRICHOGRAMMA DIE MIT DEM FLUGZEUG KONKURRIERT. 6p. MTWL-1279.
Order from ETC: $1.10 as TT-65-27162

Trans. in German of Unidentified Polish language article, n.d.

TT-65-27166 Field 6C

Shershukova, O. P.
DIE CHROMOSOMENZAHL VON ULMUS PINNATO-RAMOSA DIECK. ET KOEHNE (Chislo Khromosom u Ulmus Pinnato-Ramosa Dieck. et Koehne). 7p, 8refs. MTWL-1283.
Order from ETC: $1.10 as TT-65-27166

Trans. in German of Akademiya Nauk SSSR. Doklady, v127 n1 p210-3 1959.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-27170 Field 6C

Likhachev, G. N.
ZEIT DES ERWACHENS UND CHARAKTER DER WANDERUNGEN BEI HASELMAUSEN (Vremya Probuzhdeniya i Kharakter Kichevokh Oreshnikovykh son). 6p. MTWL-1287.
Order from ETC: $1.10 as TT-65-27170

Trans. in German of Unidentified Russian language article, 1955.

TT-65-27175 Field 6C

Naumov, N. A.
DER ROST DER KORNFRUCHTE IN DER UDSSR (Rzhavchina Khlebnykh Zlakov v SSSR). 18p. MTWL-1292.
Order from ETC: $1.60 as TT-65-27175

Partial trans. in German of Unidentified Russian language mono., Moscow, 1939.

TT-65-27180 Field 6C

Guminska, Z.; Gracz, M.
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Order from ETC: $2.60 as TT-65-27900

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Order from ETC: $1.60 as TT-65-27901

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Another trans. is available in English from CFSTI or ETC $2.50, $10.00/vol in TT-64-11595/(1-4).
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

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Order from ETC: $1.60 as TT-65-28323

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Also available from CNRS.

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Bakeev, N. N.
ESTIMATION OF THE MARTEN POPULATION BY MEANS OF NON-SELECTIVE SHOOTING IN SAMPLE AREASE AND FROM DATA ON THE NUMBERS SHOT IN AREAS. 2p.
Order from ETC: $1.10 as TT-65-29155

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Order from CSIR as CSIR-tr.448

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Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-62970

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Filippova, N. A.
DATA ON TICKS OF THE SUBFAMILY ARGASINAE (IXODIEA, ARGASIDAE). REPORT 2. TAXONOMY OF PALEARACTIC ARGASINAE AND DIAGNOSES OF THE SPECIES OF THE USSR FAUNA FOR ALL ACTIVE PHASES OF THE LIFE CYCLE. Tr. by Z. Knowles. 5 May 65, 31p, 4refs. NIH-5-8-65.
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ON THE BIOLOGY OF THE MAMMOTH INDONESIAN

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TT-65-63206 Field 6C, 2E

Zakharova, F. V.; Shirokova, E. I.
TRACER-ATOM STUDY OF CHLOROPHYLL EXCHANGE IN BIG-HORNED CATTLE. Tr. by Z. Knowles. 4 Jun 65, 12p, 16refs. NIH-6-5-65.
Order from CFSTI or ETC: HC$1.60, MF$0.50 as TT-65-63206

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Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63228

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TT-65-63605 Field 6C

Kapustinskii, A. F.
IMMUNITY OF PIGMENTED PLANTS AND ANTIBIOTICS. Tr. by Charles T. Ostertag, Jr. Jul 65, 14p, 30refs. ABL-Trans-1453; AD-620 499.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-620 499

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Another trans. is available from CFSTI or SLA $2.60, as TT-63-19601, CSIRO Trans-5988.

TT-65-63670 Field 6C

Kuo, Chi-Fong
THE RELATION BETWEEN THE DISTRIBUTION OF ENZYMES AND THE TRANSLOCATION OF SUBSTANCES IN PLANT VACULAR BUNDLES. 1965, 12p, 4refs.
Available on loan from CFSTI as TT-65-63670

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SOME REGULAR FORMATION PATTERNS OF BUDS AND SHOOTS IN MEADOW GRASSES (Nekotore Zakonomernosti Formirovaniya Pochek i Pobegov Lugovykh Zlakov). Tr. by B. Bergmanis. 1965, 26p (foreign text included) 36refs. Trans-6856.
Order from CFSTI or ETC: HC$2.60, MF$0.50 as TT-65-63748

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TECHNIQUES FOR DETERMING WEIGHT OF ROOTS (K Metodike Opredeleniya Vesa Kornei). Tr. by B. Bergmanis. 1965, 12p (foreign text included) 13refs. Trans-7241.

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ON THE PART PLAYED BY HAEMAPHYSALIS JAPONICA DOUGLASI IN THE CIRCULATION OF THE TICK - BORNE ENCEPHALITIS IN NATURE. 1965, 2p. NAMRU-Trans-104; NIH-4-45-64.
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D. Bionics

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Kovalevskii, V. A.
CORRELATION METHOD OF PATTERN RECOGNITION (Korrelyatsionnyi Metod Raspoznavaniya Izobrazhenii). 33p (foreign text included) 6refs.
Order from SLA: $3.60 as TT-65-13394

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.
Another trans. is available from CFSTI $0.50 as TT-63-21024, JPRS-17391, 15p.

E. Clinical medicine

NCH-200 215 Field 6E

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ANALYSIS OF OPERATIONS TO REMOVE THE FOETUS BASED ON DATA FROM THE OBSTRETIC CLINIC OF THE NOVOKUZNETSK GIDUV (Analiz Ploforazrushaiushchikh Operatsii po Dannym Akusherskoi Kliniki Novokuznetskogo GIDUVa). Jan 65, 5p, 4refs. RTS-2701.
Order from NLL: 5s as RTS-2701

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EXPERIMENTAL CONSTRUCTION OF AN EFFECTIVE APPARATUS FOR EXTRARENAL PURIFICATION, COMBINING THE ARTIFICIAL KIDNEY TECHNIQUE WITH THAT OF EXSANGUINOTRANSFUSION (FRACTIONATED HEMODIALYSIS) (Realisation Experimentale d'un Appareil Efficace d'Epuration Extra-Renale Combinant la Technique du Rein Artificiel a Celle de l'Exsanguino-Transfusion (Hemodialyse Fractionnee). 29p (foreign text included) 31refs.
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NEUROECTOMIC OF THE POST-GANGLION PLEXUS (Deux Cas d'Enervation Pancreatique Neurectomie des Plexus Post-Ganglionnaires). 11p (figs refs omitted).
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DEMONSTRATION OF THE HERPES SIMPLEX VIRUS IN A CASE OF ERYTHEMA EXUDATIVE MULTIFORME (Nachweis des Herpes Simplex-Virus aus Effloreszenzen eines Falles von Erythema Exsudativum Multiforme). 5p (figs refs omitted).
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ACUTE HEMORRHAGIC PANCREATITIS WITH NECROSIS IN THE DOG. DEMONSTRATION OF AN EXPERIMENTAL TECHNIC (La Pancreatite Aigue Hemorragique avec Necrose chez le Chien. Mise au point d'une Technique Experimentale). 6p (2 figs refs omitted).
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Order from SLA: $3.60 as TT-65-13246

Trans. of Naunyn-Schmiedeberg's Archiv fuer Experimentelle Pathologie und Pharmakologie (West Germany) v232 n1 p137-61 1957.

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SEVERE AND PROLONGED HYPOGLYCEMIA CAUSED BY CHLORPROPAMIDE. Paper presented to the Diabetes and Metabolic Diseases Society, 22 Sep 60. 4p, 6refs.
Order from SLA: $1.10 as TT-65-13361

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ADDITIONAL INFORMATION ON THE LOCAL DERMATOLOGICAL ACTION OF Ba-27,913 (Informe Complementario Sobre la Accion Dermatologica Local del 27,913-Ba). 3p, 6refs.
Order from SLA: $1.10 as TT-65-13597

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Feoli, L. S. J.
FLUMETHASONE TRIMETHYLACETATE (Trimetilacetato de Flumetasona). 5p, 5refs.
Order from SLA: $1.10 as TT-65-13598

Trans. of Semana Medica (Argentina) v125 p1436-8 1964.

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Order from SLA: $1.10 as TT-65-13599

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TT-65-32702 Field 6E, 5I, 13I

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 221. 1 Oct 65, 22p. JPRS-32212.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32702

Contains translations of 5 selected articles from 1965 issues of various Communist Chinese newspapers.

TT-65-62910 Field 6E, 6C

Kleinenberg, G. E.
AN EXPERIMENTAL STUDY OF THE EFFECT OF 1:12-TRIMETHYLENE-CHRYSEN. Tr. by R. Roberts. 15 Oct 45, 5p.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-62910

Trans. of Arkhiv Biologicheskikh Nauk (USSR) v62 n2 p30-4 1941.
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TT-65-62912 Field 6E, 6C

Morozenskaya, L. S.
AN EXPERIMENTAL STUDY ON THE BLASTOMOGEN IC ACTION OF DIMETHYLAMINOABOBENZENE. Tr. by R. Roberts. 15 Oct 45, 7p, 6refs.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-62912

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EXPERIMENTAL STUDIES IN THE BLASTOMOGENIC PROPERTIES OF BENZANTHRONE. Tr. by R. Roberts. 1 Jan 44, 3p.
Available on loan from CFSTI as TT-65-62914

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SYNTHESIS OF POLYCYCLIC COMPOUNDS. IV. 9-ETHYL-10-METHYL-1,2-BENZANTHRACENE AND 9-ETHYL-1,2-BENZANTHRACENE. Tr. by R. Roberts. 25 Apr 44, 7p, 11refs.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-62915

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An abstract trans. is available from CFSTI or SLA $1.60 in TT-61-20394, 11p.

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QUESTION OF EPIDEMIOLOGY OF ENTEROBIOSIS. 26 May 47, 9p (refs omitted).
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63174

Trans. of Meditsinsakaya Parazitologiya i Parazitarnye Bolezni (USSR) v13 n5 p16-23 1944.

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CLINICAL AND ELECTROPHYSIOLOGICAL STUDY OF MENTAL PATIENTS DURING AMINAZINE THERAPY (Klinikoelektrofiziologicheskie issledovaniyapsikhicheski bolnykh pri lechenii aminazinom). Tr. by Wanda M. Feeley. Oct 64, 10p (refs omitted). NCMHI-56-1341.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63225

Trans. of Zhurnal Nevropatologii i Pasikhiatrii (USSR) v56 p300-6 1956.

TT-65-63444 Field 6E

Kokhober, C. M.
DURATION OF MALARIAL INFECTION: FROM THE MATERIAL OF THE SOCHI MALARIA STATION. Tr. by H. Norris. 2 Jul 46, 7p.
Available on loan from CFSTI as TT-65-63444

Trans. of Meditsinskaya Parazitologiya i Parazitarne Bolezni (USSR) v12 n2 p3-8 1943.
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TT-65-63450 Field 6E

Pintnitsky, M. P.
TREATMENT OF MALARIA BY DROP INTRAVENOUS INJECTION OF ACRIQUINE. Tr. by R. Roberts. 27 Feb 45, 4p.
Available on loan from CFSTI as TT-65-63450

Trans. of Sovetskaya Meditsina (USSR) n6 p12-3 1944.
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TULAREMIA INFECTION. Tr. by R. Roberts. 1946, 215p, 156refs.
Available on loan from CFSTI as TT-65-63451

Trans. of mono. Tularemia Infection, Moscow, 1943 ch2 p28-47, ch6 p92-109 1943.
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Kulikov, J. A.
ABSENCE OF DIFFERENCES IN THE NUMBER OF MEROZOITES IN TWO STRAINS OF PL VIVAX. Tr. by N. Norris. 24 Sep 45, 4p.
Available on loan from CFSTI as TT-65-63452

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TT-65-63455 Field 6E

Tareev, R. N.; Butyaginn, A. P.; Polumordvinov, A. D.
COMPACT METHOD OF ACRIQUINTIZATION IN MALARIA. Tr. by R. Roberts. 31 Mar 45, 4p.
Available on loan from CFSTI as TT-65-63455

Trans. of Sovetskaya Meditsina (USSR) v8 n6 p9-10 1944.
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TT-65-63457 Field 6E

Wainstein, N. B.; Seidlitz, M. F.
CONTRIBUTION TO THE LOCALIZATION OF PLASMODIA AT INTER-PAROXYSMAL TIMES. Tr. by R. Roberts. 30 Oct 43, 2p.
Available on loan from CFSTI as TT-65-63457

Trans. of Meditsinskaya Parazitologiya i Parazitarne Bolezni (USSR) v3 p130 1942.
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N. Personnel selection and maintenance (medical)

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O. Pharmacology

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TT-65-62951 Field 6O, 7C

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TT-65-63142 Field 6O, 6E

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TT-65-63143 Field 6O, 6E

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TT-65-63172 Field 6O, 6A

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P. Physiology

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NCH-202 024 Field 6P

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ADAPTION DURING AN UNEVEN DISTRIBUTION OF BRIGHTNESS IN THE FIELD OF VISION (Adaptatsiya Pri Neravnomernom Raspredelenii Yarkosti v Pole Zreniya). May 65, 19p, 5refs. RTS-2877.
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TT-65-13231 Field 6P

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07 CHEMISTRY

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Order from ATS: $12.50 as ATS-97S85FL

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Priority right claimed 18 Dec 61, Great Britain Filind date 14 Dec 62, Opened for Public inspection 10 Feb 65.

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Available copy will not permit fully legible reproduction.

TT-65-32637 Field 7A, 9C, 10A

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TT-65-32642 Field 7A, 13H, 9C

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32642

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TT-65-32709 Field 7A

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TT-65-32775 Field 7A, 9C, 10A, 8I

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Hidefumi Konishi
CONTINUOUS ANALYSIS IN CHEMICAL PROCESS PLANTS (Kagaku Kojo Ni Okeru Renzoku Bunseki). May 65, 17p. NASA-TT-F-9342; N65-23679.
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Order from IICH: $12.00 as IICH-8623

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Another trans. is available from TC $8.50 as TC-834, 8p.

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THE INFLUENCE OF TEMPERATURE ON THE MOLECULAR WEIGHT OF POLYFORMALDEHYDE IN THE MELT POLYMERIZATION OF TRIOXAN. 5p, 10refs.
Order from SLA: $1.10 as TT-65-13864

Trans. of Makromolekulare Chemie (Switzerland) v76 p190-5 1964.

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ELECTRODEPOSITION OF CHROMIUM WITH COMBINED CATALYSTS. 5p (figs omitted) 14refs.
Order from SLA: $1.10 as TT-65-13876

Condensed trans. of Zhurnal Prikladnoi Khimii (USSR) v29 n4 p589-95 1956.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

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Order from SLA: $1.60 as TT-65-13885

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TT-65-13888 Field 7D

Kohn, R.; Vasatko, J.
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Order from SLA: $1.60 as TT-65-13888

Trans. of Collection of Czechoslovak Chemical Communications, v28 n7 p1819-30 1963.

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THE ACTIVITY OF ELECTROLYTICALLY MIXED PRECIPITATES OF PLATINUM AND RUTHENIUM IN THE ELECTRO-OXIDATION OF METHANOL. 8p, 11refs.
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TT-65-26409 Field 7D

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REPARTITION DE LA DENSITE DE COURANT ET BAISSE DE TENSION SUIVANT LA HAUTEUR DE L'ANODE DANS UNE CELLULE VERTICALE A DIAPHRAGME (Raspredelenie Plotnosti Toka i Padenie Napryazheniya Po Vysote Anoda v Vertikalnoi Khlornoi Vanne s Dyafragmoi). CBT-V-39.
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Mulin, E. V.
CONDITIONS A RESPECTER POUR LA REALISATION DUN MODELE DE CELLULE VERTICALE MUNIE DUN DIAPHRAGME FILTRANT (Usloviya Modelirovaniya Vertikalnogo Khlornogo Elektrolizera s Filtruyushchei Dyafragmoi). CBT-V-54.
Order from CBT as CBT-V-54

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Burdzhanadze, T. V.; Privalov, P. L.; Tavkhelidze, N. N.
BETREFFENDE HET PROBLEEM OVER DE TERMISCH E EIGENSCHAPPEN VAN GELATINE-OPLOSSINGEN (K Voprosu o Teplovykh Svoistvakh Rastvorov Zhelatiny). Tr. by J. Estercam. 13p. CBT-III-128.
Order from CBT as CBT-III-128

Trans. in Dutch of Vysokomolekulyarnye Soedineniya (USSR) v4 n9 p1419-24 1962.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-26518 Field 7D

Neiman, R. E.
OVER HET KENMERK VAN DE TERMISCHE UITZETTING VAN EIWITGELS EN OPLOSSINGEN (K Kharakteristike Teplovogo Rasshireniya Belkovykh Studnei i Rastvorov). Tr. by J. Estercam. 15p. CBT-III-181.
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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-26534 Field 7D

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ONDERZOEK VAN DE LOKALE TEMPERATUUR OP DE KATODE BIJ ELECTROPRECIPITATIE VAN METALLISCHE POEDERS (Issledovanie Lokalnoi Temperatury na Katode pri Elektroosazhdenii Metallicheskikh Poroshkov). Tr. by J. Estercam. 9p. CBT-III-204.
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TT-65-27603 Field 7D

Kalish, T. V.; Frumkin, A. N.
INFLUENCIA DE LA ADSORCION DE ANIONES SOBRE LA REDUCCION DEL ION S2O8(-2) EN UN CATODO DE GOTA (Vliyanie Adsorbtsii na Vosstanovlenie Iona S2O8(-2) na Kapelnom Katode). 38p, 30refs. CID 65-723.
Order from ETC or CID: $3.60 as TT-65-27603

Trans. in Spanish of Zhurnal Fizicheskoi Khimii (USSR) v28 n3 p473-89 1954.
Another trans. is available in English from CFSTI, ETC or SLA $2.60 as TT-61-19802, RTS-1747, Apr 61, 24p.

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Shenderei, E. R.; Ivanovski, F. P.
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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

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SURTENSION D'HYDROGENE SUR L'ELECTRODE DE FER PULVERANT. 11p, 11refs. CNRS-VIIIbis-1162.
Order from ETC: $1.60 as TT-65-27918

Trans. in French of Zhurnal Fizicheskoi Khimii (USSR) v22 n4 p513-20 1948.
Another trans. is available from SLA as RT-1346, 16p.
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TT-65-27919 Field 7D

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SUR L'ABAISSEMENT DU POTENTIEL CATHODIQUE DANS LA FABRICATION ELECTROLYRIQUE DU CHLORE. 5p, 4refs. CNRS-VIIIbis-1163.
Order from ETC: $1.10 as TT-65-27919

Trans. in French of Zhurnal Prikladnoi Khimii (USSR) v20 n1/2 p36-8 1947.
Also available from CNRS.

TT-65-27920 Field 7D

Tarakanov, O. A.; Gussev, I. A.
LEMPLOI DE THERMISTERS DANS LA DETERMINATION DES POIDS MOLECULAIRES. 6p, 5refs. CNRS-VIIIb-1164.
Order from ETC: $1.10 as TT-65-27920

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TT-65-27921 Field 7D

Shibata, S.
ETUDES DE L'ELECTROLYSE EN COURANT ALTERNATIF. 3EME RAPPORT. DETERIORATION DE LA SURFACE DE L'ELECTRODE EN PLATINE BRILLANT PAR L'ELECTROLYSE EN COURANT ALTERNATIF. 11p, 17refs. CNRS-VIIIb-1172.
Order from ETC: $1.60 as TT-65-27921

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TT-65-27922 Field 7D

Kurita, H.; Tsutsumi, Y.
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Order from ETC: $1.10 as TT-65-27922

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TT-65-28337 Field 7D

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ETUDE DES FORCES DADHERENCE DU CAOUTCHOUC. 6p, 4refs. CNRS-VI-1273.
Order from ETC: $1.10 as TT-65-28337

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Also available from CNRS.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

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Voyutskii, S. S.; Markin, Yu. I.
DETERMINATION DE LADHESION DUN POLYMERE AU METAL. 6p, 14refs. CNRS-VI-1274.
Order from ETC: $1.10 as TT-65-28338

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Order from ETC: $1.10 as TT-65-28339

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Order from ETC: $1.10 as TT-65-28348

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TT-65-28349 Field 7D

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SUR UNE NOUVELLE RELATION DANS LES REACTIONS TOPOCINETIQUES (O Novoi Ravisimosti v Topokineticheskikh Reaktsiyakh). 3p, 4refs. CNRS-VIIIb 1181.
Order from ETC: $1.10 as TT-65-28349

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Order from ETC: $1.60 as TT-65-28350

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Another trans. is available in Dutch from ETC $1.85 as TT-61-17131, MTWL-559, 15p.
See also 'Translated or Abstracted Publications, in TT Vol. 14, No. 8.
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MECANISME DE LA SURTENSION DHYDROGENE SUR LE COBALT DANS LES SOLUTIONS DALCALIS ET DACIDES (Mekhanizm Perenapryazheniya Vodoroda na Kobaltte v Rastvorakh Shchelochei i Kislot). 18p, 9refs. CNRS-VIIIb-1183.
Order from ETC: $1.60 as TT-65-28351

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TT-65-28361 Field 7D

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LEFFET DES CONDITIONS DE FABRICATION DES ETHERS CARBOXYMETHYLIQUES DE LA CELLULOSE SUR LE DEGRE DE SUBSTITUTION ET LA SOLUBILITE DANS LEAU. 11p, 10refs. CNRS-XXV-805.
Order from ETC: $1.60 as TT-65-28361

Trans. in French of Izvestiya Vysshikh Uchebnykh Zavedenii. Neft i Gaz (USSR) v5 n2 p29-34 1962.
Also available from CNRS.

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Gorbachev, S. V.; Kondratev, V. P.
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Order from ETC: $1.10 as TT-65-29153

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Kazanskii, V. B.; Kiselev, V. F.; Nikitina, O. V.; Pariyskii, G. B.
A STUDY OF THE RADICAL FORM OF ADSORPTION OF MOLECULAR OXYGEN BY REDUCED TITANIUM DIOXIDE USING THE ELECTRON PARAMAGNETIC RESONANCE (EPR) METHOD (Izuchene Methodom E.P.R. Radikalnoy Formy Adsorbtsii Molekulyarnogo Kisloroda Na Vosstanovlennoy Dvuokisi Titana). Jan 65, 11p. NASA-TT-F-9235; N65-15158.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as N65-15158.

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Will, F. G.; Knorr, C. A.
INVESTIGATIONS OF FORMATION AND REMOVAL OF HYDROGEN AND OXYGEN DEPOSITIONS ON PLATINUM BY A NEW NONSTATIONARY METHOD (Untersuchung des Auf- und Abbaues von Wasserstoff- und Sauerstoffbelegungen an Platin mit Einer Neuen Instationaeren Methode). Feb 65, 37p. NASA-TT-F-9249, N65-16306.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as N65-16306

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TT-65-62483 Field 7D

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MASS SPECTRA OF CERTAIN SOLID SUBSTANCES AND THEIR INTERPRETATION (Mass-Spektri Nekotorykh Tverdykh Veshchestv i Ikh Interpretatsiya). Mar 65, 15p. NASA-TT-F-9304; N65-19704.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-19704

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Schram, A.
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Order from CFSTI or ETC: HC$2.00, MF$0.50 as N65-62760

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Another trans. is available from SLA $3.60 as TT-65-11155, 31p.

TT-65-63210 Field 7D

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Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63210

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TT-65-63323 Field 7D, 7E

Zamotrinskaya, E. A.
EFFECT OF GAMMA-RADIATION ON ELECTRON PARAMAGNETIC RESONANCE IN CUSO4.5H2O. 10 Jun 65, 6p, 3refs. FTD-TT-64-1069; AD-620 088.
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ABSORPTION PROPERTIES AND STRUCTURE OF SILICA GEL (Adsorbtsionnye Svoistva Silikagelya i Ego Struktura). Tr. by B. Ribush. 1965, 17p (foreign text included). CSIRO-Trans-7214.
Order from CFSTI or ETC: HC$1.60, MF$0.50 as TT-65-63514

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TT-65-63519 Field 7D, 20D

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MASS TRANSFER IN SINGLE-DROP EXTRACTION (Massoperedacha Pri Ekstraktsii Edinichnymi Kaplyami). Tr. by R. J. Zatorski. 1965, 18p (foreign text included) 2refs. CSIRO-Trans-6959.
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TT-65-63759 Field 7D, 7A

Khaldna, Yu. L.
MEASUREMENT OF THE DEPENDENCE OF THE BASICITY CONSTANT OF m-NITROANILINE ON TEMPERATURE (Izmerenie Zavisimosti Konstanty Osnovnosti m-Nitroanilina ot Temperatury). Tr. by E. K. Wilip. Oct 64, 5p, 19refs. ANL-Trans-95.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63759

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TT-65-63856 Field 7D, 20B

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PRODUCTION OF BINARY LANTHANUM AND SODIUM

BORIDE AND THE STUDY OF CERTAIN PHYSICAL AND CHEMICAL PROPERTIES. 9 Aug 65, 16p, 10refs. FTD-TT-65-952; AD-620 813.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as AD-620 813

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-63902 Field 7D, 20M

Golovkov, L. G.
DISTRIBUTION OF DROPS ACCORDING TO SIZE IN ATOMIZING LIQUIDS BY MEANS OF CENTRIFUGAL ATOMIZERS. 3 Jun 65, 14p, 8refs. FTD-TT-65-176; AD-620 948.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as AD-620 948

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TT-65-64127 Field 7D, 20H

RESEARCH ON f-VALUES: REVIEW OF SOVIET LITERATURE. 29 Apr 64, 69p, 27refs.
AID-U-64-31; AD-622 239.
Order from CFSTI, SLA, or ETC: HC$3.00, MF$0.75 as AD-622 239

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08 EARTH SCIENCES AND OCEANOGRAPHY

TT-65-32500 Field 8-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 5. 15 Sep 65, 9p. JPRS-32006.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32500

Contains abstracts of articles from Communist Chinese scientific journals, as well as translations published in the various series of the Russian Referativnii journal.

TT-65-32649 Field 8-

EAST EUROPEAN SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 34. 27 Sep 65, 46p. JPRS-32156.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32649

Contains abstracts of journals from East European scientific and technical journals.

A. Biological oceanography

NCH-201 340 Field 8A

Polikarpov, G. G.
ON THE ACCUMULATION OF FISSION PRODUCTS BY MARINE ORGANISMS I. THE ACCUMULATION OF STRONTIUM-90, YTTRIUM-91 AND CERIUM-144 BY BENTHIC PLANTS AND ANIMALS. 1965, 14p, 20refs.
MAFF-Trans-NS-30.
Order from NLL

Trans. of Nauchnye Doklady Vysshei Shkoly. Biologicheskie Nauki (USSR) n3 p97-106 1960.

NCH-201 353 Field 8A

Kirrilov, V. M.
PURSE SEINING WITH LIGHTS FROM A MOTOR DORY.
Tr. by C. A. McLean. 1965, 8p. MAFF-Trans-NS-41.
Order from NLL

Trans. of Rybnoe Khozyaistvo (USSR) v37 n1 p27-31 1961.

B. Cartography

TT-65-32393 Field 8B

Polezhaev, A. P.
ACTIVITIES OF THE USSR NATIONAL COUNCIL OF CARTOGRAPHERS. 7 Sep 65, 10p. JPRS-31899.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32393

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Geograficheskaya, n3 p122-5 1965

TT-65-63415 Field 8B

Pravda, Yan
THE COMPILATION OF RELIEF MAPS IN CZECHOSLOVAKIA (Proizvodstvo Rel'efnykh Kart v Chekhoslovakii). 24 Jun 65, 8p. ACSI-I-6727.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63415

Trans. of Geodeziya i Kartografiya (USSR) n12 p53-59 1964.

C. Dynamic oceanography

NCH-200 627 Field 8C

Makarov, V. A.
A PROJECT INVOLVING AN ELECTRICAL MODEL FOR THE STUDY OF TIDAL PHENOMENA. 1964, 7p, 5refs.
NIOT-77.
Order from NLL

Trans. of papers of Conference on the problem Interaction between the Atmosphere and the Hydrosphere in the North Atlantic, (no. 2-d), Leningrad, 1964 p173-9.

NCH-201 157 Field 8C

Navroski, V. V.
SOME RESULTS OF RESEARCH STUDIES ON THE INTERACTION OF THE OCEAN AND ATMOSPHERE IN THE GULF STREAM AREA DURING THE IGY. 1965, 13p, 6refs.
Trans-336(M).
Order from NLL

Trans. of Okeanologiya (USSR) v4 p603-11 1964.

TT-65-30971 Field 8C, 9B

Burkov, V. A.; Teipis, Ya. L.
MACHINE PROCESSING OF OCEANOGRAPHIC CHARACTERISTICS. 12 May 65, 82p, 14refs. JPRS-30031.
Order from CFSTI, SLA or ETC: HC$3.00, MF$0.75 as TT-65-30971

Trans. of Akademiya Nauk SSSR. Institut Okeanologii. Trudy, v75 p3-61 1964.

TT-65-30972 Field 8C, 9B

Sachkova, A. I.
MACHINE DATA PROCESSING OF SHIPS' SURFACE OBSERVATIONS. 12 May 65, 12p, 4refs. JPRS-30032.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as TT-65-30972

Trans. of Akademiya Nauk SSSR. Institut Okeanologii. Trudy, v75 p62-8 1964.

TT-65-62753 Field 8C

Bukin, G. V.
IONOSPHERE INVESTIGATIONS OVER THE ATLANTIC OCEAN (Ionosfernye Nablyudeniya v Atlantichskom Okeane). Tr. by Andre L. Brichant. 2 Jul 62, 5p, 1ref. NASA-TT-F-8253; N65-22857.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-22857

Trans. of Geomagnetizm i Aeronomiya (USSR) vi n6 p832-4 1961.
See also 'Translated or Abstracted Publications, in TT Vol. 14, No. 8.

TT-65-63050 Field 8C

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A SPECTRAL CONCEPT OF WIND WAVE ENERGY (Spektralnoe Predstavlenie Energii Vetrovykh Voln). Tr. by M. Slessers. 1964, 12p, 8refs. NOO-Trans-228.
Order from CFSTI or ETC: HC$1.60, MF$0.50 as TT-65-63050

Trans. of Meteorologiya i Gidrologiya (USSR) n7 p16-21 1961.

TT-65-63298 Field 8C

Pivovarov, A. A.
EFFECT OF SOLAR RADIATION PENETRATING INTO THE SEA IN FORMING THE WATER TEMPERATURE. Tr. by E. R. Hope. Mar 65, 8p, 4refs. DSIS-T-416-R; AD-620 000.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-620 000

Trans. of Okeanologiya (USSR) v3 n2 p213-8 1963.
Also available from NRC as C-5359.

TT-65-63299 Field 8C

Kagan, B. A.; Utina, Z. M.
ON THE THEORY OF THERMODYNAMIC INTERACTION BETWEEN SEA AND ATMOSPHERE. Tr. by E. R. Hope. Mar 65, 12p, 5refs. DSIS-T-417-R; AD-620 001.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as AD-620 001

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D. Geochemistry

TT-65-29158 Field 8D

Kazmina, T. I.
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E. Geodesy

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F. Geography

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Order from NLL as M.5601

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Order from TTIS: $6.00 as NS-443

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Order from LNEC: $0.30 as LNEC-T-182

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Order from SLA: $1.60 as TT-65-13757

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Order from SLA: $1.10 as TT-65-13783

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Order from SLA: $1.10 as TT-65-13803

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Order from ETC: $2.60 as TT-65-29152

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Another trans. is available from AEC as AEC-tr-4413.
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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31036

Trans. of Leningrad Univ. Vestnik (USSR) v20 n6; Seriya Geologii i Geografii n1 p159-60 1965.

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32757

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TT-65-62432 Field 8G

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Order from CFSTI or ETC: HC$6.00, MF$1.25 as TT-65-62432

Trans. of mono. Problemy Planetarnoi Geologii, Moscow, 1963 vl 341p.
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TT-65-63984 Field 8G, 20B, 14B

Feklichev, V.
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Available on loan from CFSTI as TT-65-63984

Trans. of Akademiya Nauk SSSR. Institut Mineralogii, Geokhimii i Kristallokhimii Redkhikh Elementov. Trudy, n6 p111-7 1961.
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TT-65-63991 Field 8G

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Order from CFSTI or ETC: HC$1.60, MF$0.50 as TT-65-63991

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TT-65-64129 Field 8G, 3B, 3A

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Order from CFSTI, SLA or ETC: HC$3.00, MF$0.75 as AD-622 241

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Available copy will not permit fully legible reproduction.

H. Hydrology and limnology

NCH-201 917 Field 8H, 8C

Adrov, M. M.
ON THE HYDROLOGICAL REGIME OF THE CENTRAL HEIGHT AREA OF THE BARENTS SEA. Tr. by C. A. McLean. 1965, 16p, 12refs. MAFF-Trans-NS-64.
Order from NLL

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TT-64-27274 Field 8H

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Order from LNEC: $0.40 as LNEC-T-133

Trans. in Portuguese of Hidrologiai Kozlony (Hungary) v38 n5 p338-42 1958.

TT-65-27148 Field 8H

Chemekov, Yu. F.
DIE HYDROLAKKOLYTHE IM FERNEN OSTEN (Gidro-Lakkolity na Dalnem Vostoke). 7p. MTWL-1263.
Order from ETC: $1.10 as TT-65-27148

Trans. in German of Unidentified Russian language article, n.d.

TT-65-29154 Field 8H

Gulyaeva, L.
THE BORON CONTENT IN RECENT MARINE SEDIMENTS. 3p.
Order from ETC: $1.10 as TT-65-29154

Trans. of Akademiya Nauk SSSR. Doklady, v60 n5 p833-5 1948.

TT-65-63051 Field 8H, 4B

Karakash, E. S.
AN ATTEMPT OF A SPECIALIZED CHARACTERIZATION OF THE HYDROLOGICAL REGIME USING ZHDANOV PORT AS AN EXAMPLE (Opyt Spetsializirovannoi Kharakteristiki Gidrologicheskogo Rezhima na Primere Rayona Porta Zhdanov). Tr. by M. Slessers. Jan 63, 93p, 26refs. NOO-Trans-185.
Order from CFSTI or ETC: HC$8.60, MF$0.75 as TT-65-63051

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I. Mining engineering

NCH-200 644 Field 8I, 13I

Beron, A. I.; Kazanskii, A. S.; Leibov, B. M.; Pozim, E. Z.
RESULTS OF LABORATORY AND INDUSTRIAL RESEARCH INTO THE RESISTANCE OF COAL TO CUTTING BY BLUNTED TOOLS. 1964, 27p. NCB-A-2363/JG.
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NCH-202 171 Field 8I, 13H

Ginocchio, A.
DRESSING OF CALCIUM PHOSPHATE ORES. 9 Sep 65. BISI-4337.
Order from BISI L4 as BISI-4337

Trans. of Aufbereitungs-Technik (West Germany) v4 n5 p219-23 1963.

NCH-202 300 Field 8I

METHOD FOR ELECTROCHEMICALLY LOGGING BOREHOLES. 1965. TTIS-NS-442.
Order from TTIS: $4.80 as NS-442

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NCH-202 379 Field 8I, 13I

Pyatunin, B. V.; Sanachin, A. V.; Sultanov, B. Z.; Lubyanskii, M. M.; Abaturov, V. G.
PRELIMINARY DATA ON WELL BORE DEVIATION IN DRILLING WITH HYDRAULIC PERCUSSION TOOLS. 1965, 2p. ATS-05S86R.
Order from ATS: $3.75 as ATS-05S86R

Trans. of Razvedka i Okhrana Nedr v31 n2 p48-9 1965.

NCH-202 380 Field 8I

Avetisyan, N. G.; Grigorev, V. I.
EFFECT OF THE BENT AND VIBRATING BOTTOM OF A DRILL STRING ON THE WALLS OF A WELL. 1965, 8p. ATS-06S86R.
Order from ATS: $10.65 as ATS-06S86R

Trans. of Neftyanoe Khozyaistvo (USSR) v43 n3 p22-7 1965.

NCH-202 408 Field 8I

Filonov, V. A.
THE EFFECT OF THE ORGANIC MATTER IN PETROLEUM ON THE DISPLACEMENT OF RADIOACTIVE EQUILIBRIUM IN OIL FIELD WATERS. 1965, 4p. ATS-66S86R.
Order from ATS: $7.85 as ATS-66S86R

Trans. of Sovetskaya Geologiya (USSR) v7 n6 p144-6 1964.

NCH-202 433 Field 8I

Surguchev, M. L.
PULSED (CYCLIC) FORMATION STIMULATION AS A MEANS OF INCREASING OIL RECOVERY. 1965, 7p. ATS-03S85R.
Order from ATS: $11.95 as ATS-03S85R

Trans. of Neftyanoe Khozyaistvo (USSR) v43 n3 p52-7 1965.

NCH-202 443 Field 8I

Delclaud, J.; Savelli, J.
FLOW UNDER RESERVOIR CONDITIONS. 1965, 13p. ATS-64S86F.
Order from ATS: $12.25 as ATS-202 443

Trans. of Revue de l'Institute Francais du Petrole et Annales des Combustibles Liquides v18 p229-40 1963.

TT-65-32470 Field 8I, 10A, 20L, 7A

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 254. 14 Sep 65, 39p. JPRS-31976.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32470

Contains translations of 5 selected articles from 1965 issues of various East German, Polish and Rumanian periodicals.

TT-65-32528 Field 8I

Mirzoev, R.
UNDERGROUND SHAFT WORKING OF RESIDUAL

PETROLEUM BEDS. Soviet Economic System: Structure and Policy no. 223. 16 Sep 65, 6p. JPRS-32034.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32528

Trans. from Vyshka (USSR) 3 Jun p2 1965.

TT-65-63989 Field 8I, 20B

Feklichev, V.
THE PRACTICAL APPLICATION OF FOCAL MASKING TO DETERMINATION OF REFRACTIVE INDICES WITH THE IMMERSION METHOD (Opyt Primeneniia Metoda Fokalnogo Ekranirovaniia pri Immersionnom Opredelenii Pokazatelei Preiomleniia Mineralov). Tr. by Ivan Mittin. 1964, 15p, 2refs.
Available on loan from CFSTI as TT-65-63989

Trans. of Akademiya Nauk SSSR. Institut Mineralogii, Geokhimii i Kristallokhimii Redkhikh Elementov. Trudy, n18 p53-9 1963.
Document is not reproducible and is available from the Clearinghouse on loan only.

J. Physical oceanography

NCH-200 655 Field 8J

Belousov, I. M.
1964 ON THE BOTTOM TOPOGRAPHY OF THE NORTH-WESTERN INDIAN OCEAN. 1965, 9p, 15refs. NIOT-74.
Order from NLL

Trans. of mono. Mozhdunarodni Geologicheskii Kongress XXII Sessiya: Doklady Sovetski Geologov. Problema 16: Geologiya dna Okeanov i Moryu, Moscow, 1964 p30-40.

NCH-201 358 Field 8J, 8A, 8H, 8L, 6C

Laktionov, A. F.; Shamontev, V. A.; Yanes, A. V.
AN OCEANOGRAPHIC SKETCH OF THE NORTHERN PART OF THE GREENLAND SEA. 4 Jun 65, 12p, 5refs.
MAFF-Trans-NS-27.
Order from NLL

Trans. of mono. Soviet Fisheries Investigations in North European Seas, 1960 p51-65.

TT-65-64134 Field 8J, 8C

THE ENGLISH CHANNEL. PART I: OCEANOGRAPHY, VOL. IV, NO. 2. Nov 42, 109p, 10refs. AD-622 259.
Order from CFSTI, SLA or ETC: HC$4.00, MF$0.75 as AD-622 259

Includes information compiled from 3 French sources and 1 German source.

TT-65-64135 Field 8J

Boehnecke, G.
TEMPERATURE OF THE SURFACE WATERS OF THE ATLANTIC OCEAN, VOL. VI, NO. 1. Mar 43, 86p. AD-622 260.
Order from CFSTI, SLA or ETC: HC$3.00, MF$0.75 as AD-622 260

Trans. and adapted from mono. die Temperatur, Berlin, 1938.

K. Seismology

TT-65-13795 Field 8K

Malinovskaya, L. N.
A CONTRIBUTION TO METHODS OF CALCULATING THE DYNAMIC PROPERTIES OF SEISMIC WAVES. 26p, 4refs.
Order from SLA: $2.60 as TT-65-13795

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Geofizicheskaya, n4 p426-39 1957.
Another trans. is available from SLA as R-4997, 16p.

TT-65-13796 Field 8K

Chekin, B. S.
ON THE CHANGE IN 'FORM' OF A WAVE IN REFLECTION AND REFRACTION . 16p, 5refs.
Order from SLA: $1.60 as TT-65-13796

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Geofizicheskaya, n4 p449-57 1957.
Another trans. available from LC or SLA, mi$2.40, ph$3.30 as TT-59-17778, 11p.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-13797 Field 8K

Berzon, I. S.
DEVELOPMENT OF SEISMIC EXPLORATION METHODS IN THE SOVIET UNION. 16p, 125refs.
Order from SLA: $1.60 as TT-65-13797

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TT-65-64079 Field 8K

GENERAL-PURPOSE SEISMOGRAPHS: DESCRIPTION AND OPERATING INSTRUCTIONS. 29 May 62, 35p. AID-62-71; AD-621 887.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as AD-621 887

Available copy will not permit fully legible reproduction.

L. Snow, ice and permafrost

NCH-201 881 Field 8L

Kudryavtsev, V. A.
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Order from NRC: $4.00 as C-5493

Trans. of mono. Principles of Geocryology, Moscow, 1959 pt1 ch8 p219-73.

TT-65-27171 Field 8L

Shumskii, P. A.
GRUNDLAGEN DER STRUKTURELLEN GLAZIOLOGIE. 4p. MTWL-1288.
Order from ETC: $1.10 as TT-65-27171

Trans. in German of mono. Osnovy Strukturnogo Ledovedeniya, Moscow, 1955 p234-6.

N. Terrestrial magnetism

TT-65-62480 Field 8N, 8E

Borsukov, A. M.; Ponsot, C.
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Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-19513

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TT-65-62743 Field 8N, 4A

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-22604

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-62755 Field 8N, 3B, 20C

Mogilevskii, E. I.
HYPOTHESIS OF SOLAR CORPUSCULAR STREAMS WITH FORCE-FREE MAGNETIC FIELDS (Gipoteza o Korpuskulyarnykh Solnechnykh Potokakh s Bessilovymi Magnitnymi Polyami). 13 Jul 62, 19p. NASA-TT-F-8257; N65-23250.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-23250

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09 ELECTRONICS AND ELECTRICAL ENGINEERING

A. Components

TT-65-27560 Field 9A

Vedeneev, G. M.
REGULADORES Y ESTABILIZADORES A SEMICONDUCTORS EN REGIMEN DE IMPULSOS (Poluprovodnikove Regulyatory i Stabilizatory v Impulsnom Rezhime). 6p, 5refs. CID: 65-680.
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TT-65-27582 Field 9A

Artemev, D. E.; Kryzhanovskii, V. V.
CARACTERISTICAS DE FUNCIONAMIENTO EN VACIO DE LOS TRANSFORMADORES DE FUERZA (Kharakteristiki Kholostogo Khoda Silovykh Transformatorov). 19p, 10refs. CID: 65-702.
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TT-65-30366 Field 9A, 11H, 1C

Tipei, N.; Rulea, Gh.; Ioan, O.
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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30366

Trans. of Stiinta si Tehnica (Rumania) v16 n11 p12-5 1964.

TT-65-32464 Field 9A

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 216. 13 Sep 65, 40p, 15refs. JPRS-31970.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32464

Contains summaries or translations of 4 selected articles from Dec 65 issues of various Communist Chinese periodicals.
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TT-65-63839 Field 9A

Turchenkov, V. I.
ELECTRONIC COMMUTATOR. 12 Aug 65, 8p. FTD-TT-65-633; AD-620 787.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-620 787

Unedited rough draft trans. of Patent (USSR) 161 574. Patent appl. no. 779890/26-24, 24 May 62.

TT-65-64028 Field 9A

HIGH-POWER ELECTRONICS: HIGHLIGHTS OF WORK BY P. L. KAPITSA. 13 Mar 63, 19p, 3refs. ATD-S-63-33; AD-621 692.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-621 692

TT-65-64070 Field 9A, 20N

COMMENT ON HIGH-POWER ELECTRONICS. 14 Mar 63, 5p. AID-S-63-35; AD-621 821.

Order from CFSTI or ETC: HC$1.00, MF$0.50
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Supplement to AID-S-63-33.

TT-65-64084 Field 9A, 20L, 20B

Kansky, E.
RESEARCH PROBLEMS OF NEW PHOTOCATHODES (Gedanken zu Forschungsproblemen Neuer Photokadoten). Oct 65, 17p, 24refs. AERDL-T-1802-65; AD-621 936.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-621 936

Trans. from Experimentelle Technik der Physik (East Germany) v13 n1 1965.
Translated under Contract DA44 009AMC930T
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B. Computers

TT-65-31403 Field 9B, 14C

STUDY OF MAGNETIC PROPERTIES OF FILMS. 1 Jul 65, 24p, 28refs. JPRS-30904.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31403

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Fizicheskaya, v29 n4 p604-14 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-32468 Field 9B, 6D, 12B

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Contains abstracts of selected articles from USSR scientific and technical journals.

TT-65-32764 Field 9B, 5I, 5C

Karapetyan, A.
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Trans. from Kommunist, Erevan (USSR) 3 Sep p2 1965.

TT-65-62490 Field 9B, 12B

Nguyen Tkhan Bang.
SOLUTION OF A PROBLEM IN THE CONTROL OF THE MOTION OF NONLINEAR SYSTEMS (K Resheniyu Odnei Zadachi Upravleniya Dvizheniem Nelineinykh Sistem). Apr 65, 16p. NASA-TT-F-9325; N65-21633.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-21633

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TT-65-63405 Field 9B

Evdokimov, I. D.; Evstigneev, G. P.; Kriushin, V. N.
DIGITAL COMPUTERS. 5 May 64, 2p. ACSI-I-3538-G.
Order from CFSTI, SLA or ETC: HC$1.10, MF$0.50 as TT-65-63405

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TT-65-63815 Field 9B, 12B

Norkin, S. B.; Berri, R. Ya.; Zhabin, I. A.; Polozkov, D. P.; Rozental, M. I.
ELEMENTS OF COMPUTER MATHEMATICS. 12 Aug 65, 226p, 9refs. FTD-MT-64-321; AD-620 758.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as AD-620 758

Edited machine trans. of mono. Elementy Vychislitelnoi Matematiki, Moscow, 1963 p1-210.
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TT-65-64093 Field 9B, 12B

Bela, M.
HYPERBOLIC PROGRAMMING. Tr. by A. Whinston and V. Whinston. 1964, 22p, 3refs. AD-622 077.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-622 077

Trans. of Magyar Tudomanyos Akademia Matematikai Kutato Intezetenek Kozlemenyei (Hungary) v5 p383-406 1960.
Contract Nonr27T024.

C. Electronic and electrical engineering

TT-65-13714 Field 9C

Akashi, G.; Fujiyama, M.
MAGNETIC RECORDING CARRIER. 4p (foreign text included).
Order from SLA: $1.10 as TT-65-13714

Trans. of Patent (Japan) pub. 39 29 471.
Patent cl 102 E 11 and 62 B 74, patent application Showa 36-41,410, by Fuji (Photo) Film Corp., Kanagawa, Japan, filed 11 Nov 61, pub. 18 Dec 64.

TT-65-13755 Field 9C

Sodin, L. G.
PHASED ANTENNA ARRAY STATISTICS. 21p, 7refs.
Order from SLA: $2.60 as TT-65-13755

Trans. of Radiotekhnika i Elektronika (USSR) v9 p1179-87 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

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SWITCHING EQUIPMENT WITH PERIODICALLY ACTUATED CONTACTS. 8p (figs omitted).
Order from SLA: $1.10 as TT-65-13808

Trans. of Patent (Switzerland) 233 459.
Patented by Licentia Patent-Verwaltungs-Gesellschaft m.b.H., Berlin, Germany, filed 15 Sep 42, granted 31 July 44, pub. 16 Oct 44 (Priority: Germany, 27 Oct 41).

TT-65-13811 Field 9C

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OPTIMAL PROCESSES IN AUTOMATIC CONTROL SYSTEMS. 46p, 8refs.
Order from SLA: $4.60 as TT-65-13811

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EFICACIA DE LOS NEUTRALIZADORES DE CARGAS ESTATICAS (Ob Effektivnosti Neitralizatorov Statichescogo Elektrichestva). 10p, 10refs. CID: 65-677.
Order from ETC or CID: $1.10 as TT-65-27557

Trans. in Spanish of Elektrichestvo (USSR) n3 p78-80 1964.

TT-65-27558 Field 9C

Brovman, Ya. S.
ACCIONAMIENTO ELECTRICO SEGUIDOR (COPIADOR) PARA MAQUINAS HERRAMIENTAS (Sledyashchii Elektroprivod Metallorezhushchikh Stankov). 23p, 10refs. CID: 65-678.
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Trans. in Spanish of Elektrichestvo (USSR) n8 p13-8 1964.

TT-65-27559 Field 9C

Syromyatnikov, I. A.
ALGUNAS CUESTIONES RELATIVAS AL EMPLEO DEL CALCULO DE PROBABILIDADES Y METODOS ESTADISTICOS EN LA ENERGETICA (Nekotore voprosy primeneniya Veroyatnostnykh i Statisticheskikh Metodov v Energetike). 9p. CID: 65-679.
Order from ETC or CID: $1.10 as TT-65-27559

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Volotsenko, P. V.; Meistel, A. M.; Rashkovich, M. P.
FRENADO DE MOTORES ASINCRONICOS EN MAQUINAS-HERRAIMIENTAS POR APLICACION CONJUNTA DE CORRIENTE CONTINUA Y ALTERNA (Tormozhenie Asinkhronnykh Dvigatelei v Metallorezhushchikh Stankakh Sovmestno Postoyannym i Peremennym Tokami). 15p, 2refs. CID: 65-694.
Order from ETC or CID: $1.60 as TT-65-27574

Trans. in Spanish of Stanki i Instrument (USSR) v35 n9 p13-6 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-27584 Field 9C

Rashkes, V. S.
TENSIONES DISRUPTIVAS DEL AISLAMIENTO DE LINEAS DURANTE LAS LLUVIAS NATURALES (Razryadne Napryazheniya Lineinoi Izolyatsii pri Estestvennykh Dozhdyakh). 11p, 5refs. CID: 65-704.
Order from ETC or CID: $1.60 as TT-65-27584

Trans. in Spanish of Elektricheskie Stantsii (USSR) n2 p66-8 1964.

TT-65-27585 Field 9C

Shakhmatov, M. A.; Chernukhin, A. V.
PARTICULARIDADES DEL MONTAJE Y PUESTA A PUNTO DE LOS PRIMEROS GENERADORES CON REFRIGERACION E HIDROGENO Y AGUA (Osobennosti Montazha i Naladki Pervykh Generatorov s Vodorodno-vodyanym Okhlazhedeniem). 16p. CID: 65-705.
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TT-65-27590 Field 9C

Maikopar, A. S.
POSIBILIDADES DE UNA CONEXION MONOFASICA, AUTOMATICA, REITERADA, (CMAR) EN LAS LINEAS DE TRANSMISION ELECTRICAS A 500kV Y DE UNA LONGITUD NO SUPERIOR A 500 km PROVISTAS DE REACTOR-SHUNT (O Vozmozhnostyakh OAPV na Elektroperedachakh 500 KV Dlinoi do 500 KM S Shuntiruyushchim Reaktorom). 13p, 3refs. CID: 65-710.
Order from ETC or CID: $1.60 as TT-65-27590

Trans. in Spanish of Elektrichestvo (USSR) n7 p32-4 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-27591 Field 9C

Kuchinskii, G. S.
CONDENSADORES DE IMPULSOS DE POCA INDUCTANCIA Y PERDIDAS REDUCIDAS EN REGIMEN DE DESCARGA (Maloinduktivnye Impulsnye Kondensatory s Malymi Poteryami v Razryadnom Rezhime). 16p, 3refs. CID: 65-711.
Order from ETC or CID: $1.60 as TT-65-27591

Trans. in Spanish of Elektrichestvo (USSR) n7 p39-42 1964.
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TT-65-27594 Field 9C, 17B, 14C

Zhukov, L. A.; Fedorov, D. A.; Lauterbakh, E.; Maryutin, V. A.
ESTUDIO DEL INFLUJO DE LA REGULACION AUTOMATICA DE LA EXCITACION SOBRE LA F.E.M. DE LOS GENERADORES QUE TRABAJAN EN REGIMEN DE MARCHA ASINCRONA ELECTRICO MUY SIMPLE (Issledovanie Vliyaniya Avtomaticheskogo

Regulirovaniya Vozburzhdeniya na E.D.S. Generatorov Rabotayushchikh v Rezhume Ustanovivshegosya Asinkhonnogo Khoda v Prosteishei Elektricheskoi Sisteme). 14p, 2refs. CID 65-714.
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TT-65-27595 Field 9C

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Order from ETC or CID: $1.60 as TT-65-27595

Trans. in Spanish of Elektrichestvo (USSR) n11 p72-4 1964.

TT-65-32577 Field 9C

Gorin, N. V.
SELECTION OF BUS REACTOR FOR REGULATION OF GENERATOR VOLTAGE. 21 Sep 65, 6p. JPRS-32084.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32577

Trans. of Elektricheskie Stantsii (USSR) v36 n8 p51-3 1965.

TT-65-32592 Field 9C

USSR SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 22. 22 Sep 65, 85p. JPRS-32099.
Order from CFSTI or ETC: HC$3.00, MF$0.75
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Contains abstracts of articles from Russian scientific and technical journals.

TT-65-32656 Field 9C

EAST EUROPEAN SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 13. 28 Sep 65, 41p. JPRS-32163.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32656

Contains abstracts of articles from East European scientific and technical journals.

TT-65-32665 Field 9C

USSR SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 23. 28 Sep 65, 109p. JPRS-32172.
Order from CFSTI or ETC: HC$4.00, MF$0.75
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Contains abstracts of articles from Russian scientific and technical journals.

TT-65-63640 Field 9C

Krogeris, A. F.
A SEMICONDUCTOR SWITCH FOR DIRECT CURRENT GENERATORS (Poluprovodnikovyi Kommutator Generatorov Postoiannogo Toka). Tr. by J. W. Palmer. 1964, 11p, 2refs. RAE-Lib-Trans-1075.
Order from CFSTI, SLA or ETC: HC$1.60, MF$0.50
as TT-65-63640

Trans. of mono. Poluprovodniki i Ikh Primenenie v Elektrotekhnike, Riga, 1961.

TT-65-63835 Field 9C

Kulikovskii, A. V.
ELECTRONIC OUTPUT RELAY. 12 Aug 65, 6p.
FTD-TT-65-636; AD-620 783.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Unedited rough draft trans. of Patent (USSR) 163 678. Patent appl. no. 828931/26-24, 4 Apr 63.

TT-65-63838 Field 9C

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-65-64123 Field 9C, 17B, 17C

PASSIVE ELECTRONIC INTERCEPT TECHNIQUES AND DEVICES. 18 Mar 64, 87p, 62refs.
AID-U-64-15; AD-622 235.
Order from CFSTI, SLA, or ETC: HC$3.00, MF$0.75
as AD-622 235

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D. Information theory

TT-65-63036 Field 9D, 12B

Kratko, M. I.
ALGORITHMIC UNSOLVABILITY OF THE PROBLEM OF RECOGNIZING COMPLETENESS FOR A FINITE AUTOMATA. 5 Aug 65, 8p, 7refs. FTD-TT-65-586; AD-619 432.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-619 432

Unedited rough draft trans. of Akademiya Nauk SSSR. Doklady, v155 n1 p35-7 1964.

TT-65-63837 Field 9D, 12B, 9B

Popov, O. V.; Solomonov, V. G.; Zakharova, L. V.
ONE METHOD OF CORRECTING A BUNDLE OF ERRORS (AND) RECOGNITION OF CONTINUOUS FUNCTIONS. 10 Aug 65, 32p, 3refs. FTD-TT-65-980; AD-620 785.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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TT-65-63934 Field 9D, 12B, 17B

Levin, A. A.; Khazatskii, V. E.
METHOD OF AUTOMATIC OPTIMIZATION OF THE RATE OF DISCREET INFORMATION TRANSFER ALONG A COMMUNICATIONS CHANNEL WITH A VARIABLE SIGNAL/NOISE RATIO. 27 May 65, 5p. FTD-TT-65-489; AD-621 009.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-621 009

Unedited rough draft trans. of Patent (USSR) 161 351. Patent appl. no. 781730/26-24, pub. 7 Jun 62, 1p.

TT-65-63974 Field 9D, 14E

Lebedev, D. S.
THE APPLICATION OF INFORMATION THEORY TO PHOTOGRAPHIC SYSTEMS (O Primenenii Teorii Informatsii k Fotograficheskim Sistemam). Tr. by S. W. Kellogg. Jun 65, 25p, 24refs. AmMetSoc-T-R-478; AD-621 421.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-621 421

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinematografii (USSR) v10 n1 p62-71 1965.
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E. Subsystems

TT-65-27592 Field 9E

Avetisyan, D. A.; Bertinov, A. I.; Mizyrin, S. R.
INFLUENCIA DE LA CARGA SOBRE LA ESTABILIDAD DE LA REGULACION DE LA TENSION DE UN GENERADOR SINCRONICO EN UNA INSTALACION AUTONOMA (Vliyanie Nagruzki na Ustoichivost Regulirovaniya Napryazheniya Sinkhronnogo Generatora v Avtonomnoi Ystanovke). 14p. CID: 65-712.
Order from ETC or CID: $1.60 as TT-65-27592

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TT-65-27593 Field 9E

Petrov, Yu. P.
APLICACION DEL 'PRINCIPIO DEL MAXIMO' PARA HALLAR LA LEY OPTIMA DE REGULACION DE LAS MAQUINAS SINCRONICAS (Ispolzovanie 'Printsipa Maksimuma' dlya Nakhozhdeniya Optimalnogo Zakona Regulirovaniya Sinkhronnykh Mashin). 7p. CID: 65-713.
Order from ETC or CID: $1.10 as TT-65-27593

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TT-65-27617 Field 9E

Smaryshev, M. D.
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Order from ETC or CID: $1.10 as TT-65-27617

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-32257 Field 9E, 12B

Nechiporuk, E. I.
ON THE COMPLEXITY OF GATE CIRCUITS REALIZING BOOLEAN MATRICES WITH INDEFINITE ELEMENTS. 30 Aug 65, 8p, 1ref. JPRS-31762.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as TT-65-32257

Trans. of Akademiya Nauk SSSR. Doklady, v163 n1 p40-2 1965.

TT-65-63822 Field 9E, 12B

Kirin, N. E.
A NUMERICAL METHOD IN A TIME OPTIMAL CONTROL PROBLEM. 9 Aug 65, 15p, 3refs. FTD-TT-65-955; AD-620 765.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-620 765

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TT-65-63956 Field 9E, 12B

Kuzin, L. T.
THE DESIGNING OF EXTRAPOLATING DISCRETE SERVO SYSTEMS. 30 Aug 65, 16p, 8refs. FTD-MT-65-228; AD-621 142.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-621 142

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10 ENERGY CONVERSION (NON-PROPULSIVE)

A. Conversion techniques

NCH-201 945 Field 10A

Umanskii, M. P.
INVESTIGATION OF AXIAL-RADIAL DIFFUSERS (Issledovanie Ose-Radialnykh Diffuzorov). 20 May 65, 14p (foreign text included) 3refs. TP/T-3681.
Order from NLL

Trans. of Energomashinostroenie (USSR) v10 n10 p8-11 1964.

TT-65-27583 Field 10A, 9C

Grebov, I. A.; Kashtelyan, V. E.
EN TORNO A LOS SISTEMAS DE EXCITACION DE LOS MODERNOS TURBOGENERADORES EN GRAN POTENCIA (K Voprosu o Sistemakh Vozbuzhdeniya Sovermennykh Moshchnykh Turbogeneratorov). 13p. CID: 65-703.
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TT-65-64059 Field 10A

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NCH-202 298 Field 11A

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Patented by Politechnika Krakowska, appl. 18 May 63, pub. 6 Jun 64.

NCH-202 449 Field 11A, 13M

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Patented by Firma Teerbau Gesellschaft fur Strassenbau mbH., Essen, Germany. Priority right claimed 1 Aug 63, filing date 3 Aug 64, opened for public inspection 2 Feb 65.

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NCH-202 269 Field 11B

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PROPIEDADES ELECTRICAS DE LOS VIDRIOS SILICATOS ALUMINICOBORICOS (Elektricheskie Svoistva Alyuminoborosilikatnykh Stekol). 13p. CID 65-740.
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Order from ETC or CID: $1.60 as TT-65-27621

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Order from ETC or CNP: $1.60 as TT-65-29523

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TT-65-29527 Field 11B

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Order from BISI: L6 as BISI-4358

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NCH-202 266 Field 11C

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Order from TTIS: $18.00 as NS-408

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NCH-202 273 Field 11C

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NCH-202 291 Field 11C, 11F

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NCH-202 292 Field 11C, 11I

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Order from TTIS: $15.00 as NS-434

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Patented by Farbenfabriken Bayer AG, Applied for 10 Oct 63; claiming 18 Oct 62 (Germany).

NCH-202 293 Field 11C, 7C

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Order from TTIS: $18.00 as NS-435

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NCH-202 296 Field 11C

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Order from TTIS: $5.40 as NS-438

Trans. of Patent (Poland) 47 840.
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Order from SLA: $1.60 as TT-65-13825

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E. Fibers and textiles

NCH-200 517 Field 11E, 11C

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NCH-202 208 Field 11E

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NCH-202 338 Field 11E

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NCH-202 414 Field 11E, 11C

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Order from ATS: $14.35 as ATS-42S86RU

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Order from SLA: $1.10 as TT-65-13694

Trans. of Patent (Netherlands) 64 10 656.
Patented by Monsanto Co., St. Louis, Mo., USA, filed 11 Sep 64, laid out for public inspection 15 Mar 65 (Priority: U. S., No. 308,378, 12 Sep 63).

TT-65-13695 Field 11E

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Trans. of Patent (Belgium) 646 636.
Patented by Snia Viscosa Societa Nazionale Industria Applicazioni Viscosa S.p.A., filed 16 Apr 64 (Priority: Italy, appl. 7964/63, 17 Apr 63).
Another trans. is available from TC: $10.00 as TC-915, 12p.

TT-65-13696 Field 11E

METHOD FOR INCREASING THE DYE AFFINITY OF NYLON-66 AND PRODUCTS FROM THIS NYLON. 8p.
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TT-65-13697 Field 11E

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TT-65-13713 Field 11E

METHOD FOR THE MODIFYING OF POLYAMIDES, AS WELL AS THE PRODUCTS OBTAINED FROM THE THUS MODIFIED POLYAMIDES. 10p.
Order from SLA: $1.10 as TT-65-13713

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Order from SLA: $1.60 as TT-65-13851

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TT-65-13866 Field 11E

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Order from SLA: $1.60 as TT-65-13866

Trans. of Chemiefasern (West Germany) v14 n4 p260-4 1964.

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Order from SLA: $1.60 as TT-65-13875

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TT-65-13892 Field 11E

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Another trans. is available from TC as TC-897 $9.50, 13p.

TT-65-27142 Field 11E

Mueller-Czarnek, W.
PERFEKTIONERING DER TOT NU BEKENDE METHODES VOOR HET MANGELEN EN DROGEN VAN VLAS-EN HENNEPSTRO (Udoskonalenie Dotychczasonych Metod Wyzymania i Suszenia Slomy Lnianej i Konopnej). 22p, 8refs. MTWL-1257.
Order from ETC: $2.60 as TT-65-27142

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TT-65-29150 Field 11E, 2D

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TT-65-63082 Field 11E, 22C

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TT-65-63423 Field 11E, 20B

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Order from CFSTI or ETC: HC$1.60, MF$0.50 as TT-65-63423

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NCH-202 106 Field 11F

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NCH-202 109 Field 11F, 13H

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NCH-202 113 Field 11F

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Order from HB: $6.90 as HB-6594

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NCH-202 115 Field 11F

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Order from HB: $3.60 as HB-6596

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NCH-202 116 Field 11F, 13H

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Order from HB: $7.50 as HB-6444

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NCH-202 119 Field 11F, 13H

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Order from HB: $13.80 as HB-6576

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NCH-202 122 Field 11F, 13H

Ivanov, A. A.
INVESTIGATION OF WELDED STEEL LADLES OF 350 AND 480 TONS CAPACITY. Sep 65, 1000wds. HB-6587.
Order from HB: $3.50 as HB-6587

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v8 n4 p220-3 1965.

NCH-202 123 Field 11F

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RELATIONSHIP BETWEEN HARDNESS AND TENSILE STRENGTH OF WROUGHT AND CAST STEEL AND CAST IRON. Sep 65, 500wds. HB-6619.
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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

NCH-202 127 Field 11F, 14B

Moroz, V. G.; Zelentsov, P. N.
APPARATUS FOR INVESTIGATING THE PERMEABILITY OF STEEL SHEET OR PLATE TO HYDROGEN. Sep 1965, 250wds. HB-6645.
Order from HB: $2.00 as HB-6645

Trans. of Zavodskaya Laboratoriya (USSR) v31 n7 p899-900 1965.
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NCH-202 128 Field 11F, 13H

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THE PRECIPITATION OF DEOXIDATION PRODUCTS IN 18-8 CHROMIUM-NICKEL STEELS. Sep 65, 6500wds. HB-6557.
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NCH-202 129 Field 11F

Schwarz, W.; Zitter, H.
THE SOLUBILITY AND DIFFUSION OF HYDROGEN IN IRON ALLOYS. Sep 65, 3900wds. HB-6586.
Order from HB: $9.80 as HB-6586

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v36 n5 p343-9 1965.

NCH-202 130 Field 11F

Willems, J.
THE VARIOUS CONVERTER PROCESSES AND THEIR STEEL OXYGEN CONTENTS. Sep 65, 2800wds. HB-6554.
Order from HB: $7.80 as HB-6554

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NCH-202 131 Field 11F

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THE APPLICATIONS OF ULTRASONICS IN THE TECHNOLOGY OF NONFERROUS METALS. Sep 65, 3500wds. HB-6433.
Order from HB: $9.70 as HB-6433

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NCH-202 133 Field 11F, 13H

Uchiyama, I.; Sumita, M.
DEFORMATION OF NONMETALLIC INCLUSIONS IN STEEL DURING ROLLING. PART I. DEFORMATION OF INCLUSIONS IN STEEL DEOXIDIZED WITH MANGANESE. Sep 65, 1100 wds. HB-6548.
Order from HB: $3.80 as HB-6548

Trans. of Tetsu to Hagane (Japan) v49 n10 p1468-70 1963.

NCH-202 134 Field 11F, 7B

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DETERMINATION OF URANIUM IN ORES. Sep 65, 400wds. HB-6644.
Order from HB: $2.00 as HB-6644

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NCH-202 137 Field 11F, 13H

Petz, M.; Schlager, W.
USE OF CALCIUM-CONTAINING ALLOYS IN THE MANUFACTURE OF HIGH-ALLOY STEELS. Sep 65, 3800wds. HB-6558.
Order from HB: $9.80 as HB-6558

Trans. of Radex Rundschau (Austria) n2 p461-7 1965.

NCH-202 138 Field 11F, 7D

Podchainova, V. N.
PHOTOCOLORIMETRIC DETERMINATION OF VANADIUM IN STEEL. Sep 65, 900words. HB-6635.
Order from HB: $2.50 as HB-6635

Trans. of Zavodskaya Laboratoriya (USSR) v31 n7 p790-2 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

NCH-202 140 Field 11F

Nikolaev, E. I.
CHEMICAL HETEROGENEITY AND NONMETALLIC INCLUSIONS IN STEEL INGOTS CONTAINING RARE-EARTH METALS. Sep 65, 2300wds. HB-6626.
Order from HB: $6.90 as HB-6626

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v8 n7 p37-42 1965.

NCH-202 141 Field 11F

Kazantsev, I. G.
MECHANICAL PROPERTIES OF STRUCTURAL STEELS PRODUCED FROM HIGH-PHOSPHORUS IRON IN THE BASIC OXYGEN FURNACE. Sep 65, 700wds. HB-6568.
Order from HB: $2.50 as HB-6568

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NCH-202 142 Field 11F, 13H

THE EXTRUSION OF STEEL. Sep 65, 3100wds. HB-6654.
Order from HB: $4.50 as HB-6654

Trans. of La Pratique des Industries Mecaniques (France) v47 n10 p247-52 1964.

NCH-202 143 Field 11F, 13H

Pollack, H.
INJECTION OF POWDERED MATERIALS INTO ELECTRIC ARC FURNACE TO ACCELERATE THE STEELMAKING REACTIONS. Sep 65, 4500wds. HB-6360.
Order from HB: $12.50 as HB-6360

Trans. of Stahl und Eisen (West Germany) v84 n16 p1013-7 1964.

NCH-202 144 Field 11F, 13H, 14B

Silber, A.
NONDESTRUCTIVE TESTING OF STEEL CASTINGS. Sep 65, 2300wds. HB-6525.
Order from HB: $6.90 as HB-6525

Trans. of Radex Rundschau (Austria) n1 p388-92 1965.

NCH-202 145 Field 11F, 13H

Wicher, A.
IMPROVING THE MACHINABILITY OF STEEL BY CONTROLLED DEOXIDATION. Sep 65, 4300wds. HB-6555.
Order from HB: $11.70 as HB-6555

Trans. of Radex Rundschau (Austria) n2 p432-8 1965.

NCH-202 146 Field 11F

Koch, W.; Keller, H.
MICROANALYTICAL STUDIES OF CARBIDES AND INTERMETALLIC PHASES. Sep 65, 4700 wds.

HB-6269.
Order from HB: $12.50 as HB-6269

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v34 n6 p435-8 1963.

NCH-202 148 Field 11F, 7D

Keller, H.; Sauer, K. H.
THE PHOTOMETRIC DETERMINATION OF SILICON IN IRON AND ITS STRUCTURAL COMPONENTS. Sep 65, 2600wds. HB-6612.
Order from HB: $7.30 as HB-6612

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v36 n7 p533-6 1965.

NCH-202 149 Field 11F, 7E

Stetter, A.; Kern, H.
A GENERALLY APPLICABLE X-RAY FLUORESCENCE ANALYSIS PROCEDURE. Sep 65, 1800wds. HB-6602.
Order from HB: $4.90 as HB-6602

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v36 n7 p485-7 1965.

NCH-202 158 Field 11F, 13H

Tschentke, G.; Killing, R.
THERMAL PROCESSES IN THE HEAT AFFECTED ZONE DURING ARC WELDING OF STRUCTURAL STEELS. 2 Sept 65. BISI-3902.
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NCH-202 205 Field 11F, 20B

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Order from IICH: $3.00 as IICH-8617

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Order from IICH: $2.00 as IICH-8618

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NCH-202 243 Field 11F

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NCH-202 256 Field 11F

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Order from ATS: $16.25 as ATS-09S86G

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Order from ATS: $22.65 as ATS-11S86I

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Order from SLA: $5.60 as TT-65-13710

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Patented by Karl Ziegler, filed 6 May 60 (Priority: Germany, appl. 6 May 59).
Another trans. is available from SLA $3.60 as TT-65-13204, 39p.

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Order from SLA: $1.60 as TT-65-13717

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Order from SLA: $1.10 as TT-65-13761

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Order from SLA: $1.10 as TT-65-13790

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Trans. of Metalloberflaeche (WestGermany) v18 n3 p70-5 1964.

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Order from SLA: $1.10 as TT-65-13883

Trans. of Patent (France) 1 338 846.
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PROCESS FOR MAKING THE LATTER. 7p.
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Patent file No. 918,951, international cl B 22 c, filed 18 Dec 62, granted 30 Sep 63.

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Order from ETC or CID: $1.10 as TT-65-27561

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TT-65-27567 Field 11F

Sintsov, V. A.
INFLUENCIA DE LA VELOCIDAD Y DE LA TEMPERATURA DE COLADA EN LA CALIDAD DE LAS PIEZAS DE ACERO 1Cr18Ni12Mo3Ti (Vliyanie Skorosti i Temperatury Zalivki na Kachestvo Proverkhnosti Otlivok iz Stali 1Kh18N12M3T). 12p, 9refs. CID: 65-687.
Order from ETC or CID: $1.60 as TT-65-27567

Trans. in Spanish of Liteinoe Proizvodstvo (USSR) n4 p3-5 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-27568 Field 11F

Kalinin, R. S.
RESISTENCIA AL DESGASTE DE LAS PALETAS PROYECTORAS DE GRANALLA (Iznosostoikost Drobementnykh Lopatok). 11p. CID: 65-688.
Order from ETC or CID: $1.60 as TT-65-27568

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-27569 Field 11F

Bulkin, V. P.
CALENTAMIENTO DEL HIERRO FUNDIDO EN EL CANAL DE COLADA DEL CUBILOTE (Podogrev Chuguna na Zhelobe Vagranki). 9p, 8refs. CID: 65-689.
Order from ETC or CID: $1.10 as TT-65-27569

Trans. in Spanish of Liteinoe Proizvodstvo (USSR) n2 p8-10 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-27570 Field 11F

Stantsel, I. P.; Yampolskii, A. Yu.
CUBILOTE A COQUE Y GAS CON RECUPERADOR EMPOTRADO (Koksogazavaya Vagranka so Vstroennym Rekuperatorom). 8p. CID: 65-690.
Order from ETC or CID: $1.10 as TT-65-27570

Trans. in Spanish of Liteinoe Proizvodstvo (USSR) n2 p12-3 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-27571 Field 11F

Kosovtsev, S. Ya.; Sautov, V. M.; Krasavin, A. V.
PRENSADO DE MOLDES A ALTA PRESION (Pressovanie

Form Pod Vysokim Davleniem). 5p. CID: 65-691.
Order from ETC or CID: $1.10 as TT-65-27571

Trans. in Spanish of Liteinoe Proizvodstvo (USSR) n3 p34-5 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-27572 Field 11F

Krakhmalnik, O. M.; Pritykovskii, V. I.
NUEVA CONSTRUCCION DE CAJAS DE MOLDEO PARA LOS SEMIMOLDES SUPERIORES (Novaya Konstruktsiya Opok dlya Verkhnikh Poluform). 4p. CID: 65-692.
Order from ETC or CID: $1.10 as TT-65-27572

Trans. in Spanish of Liteinoe Proizvodstvo (USSR) n3 p36 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-27610 Field 11F

Zemskov, P. I.; Yakushina, E. N.; Kharchenko, E. N.
RESISTENCIA AL DESGASTE DE LOS GIGUENALES DE HIERRO FUNDIDO DE ALTA RESISTENCIA (Iznosoustoichivost Kolenchatykh Valov iz Vysokoprochnogo Chuguna). 15p, 1ref. CID 65-730.
Order from ETC or CID: $1.60 as TT-65-27610

Trans. in Spanish of Traktory i Selkhozmashiny (USSR) v34 n1 p41-3 1964.

TT-65-27930 Field 11F

Gorau, K. V.; Pukhouski, Ya. P.
ETUDE DE LA RESISTANCE A LA CHALEUR DES ALLIAGES A BASE DE FER. 10p, 11refs. CNRS-XVII 762.
Order from ETC: $1.10 as TT-65-27930

Trans. in French of Akademiya Navuk BSSR, Minsk. Vestsi. Seriya Fizika-Tekhnichnykh Navuk, n4 p107-13 1963.
Also available from CNRS.

TT-65-28122 Field 11F

Chelyshev, N. A.
CARACTERISTIQUES DU LAMINAGE DE LINGOTS EN ACIER EFFERVESCENT SUR LE BLOOMING DU GROUPE SIDERURGIQUE DE KUZNECK. Org.2-5206 P. 421-342; CNRS-H/R-71.
Order from CNRS as H/R - 71

Trans. in French of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v5 n12 p75-80 1962.

TT-65-28123 Field 11F

Baimov, N. I.
SUR LA REPARTITION RATIONNELLE DES TAUX DE REDUCTION ENTRE LES DIFFERENTES PASSES DU LAMINAGE AU BLOOMING. Org.2 - 5207 P. 421; CNRS-H/R-72.
Order from CNRS as H/R - 72

Trans. in French of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v6 n4 p76-82 1963.

TT-65-28124 Field 11F

Leonidov, N. K.; Gokhman, Yu. I.; Tarasov, B. E.
ETUDE DE L'EFFICACITE DE L'INJECTION DE DIVERS COMBUSTIBLES AU HAUT FOURNEAU. Org.2-5217 P.318; CNRS-H/R-73.
Order from CNRS as H/R-73

Trans. in French of Stal (USSR) v24 n7 p584-7 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-28125 Field 11F

Gorokh, A. V.; Galemin, I. M.; Komlev, G. A.
COMPORTEMENT DU ZINC DANS LE HAUT FOURNEAU; SON INFLUENCE SUR LE REVETEMENT REFRACTAIRE DE LA CUVE. Org.2-5218 P. 131; CNRS-H/R-74.
Order from CNRS as H/R-74

Trans. in French of Stal (USSR) v24 n7 p587-91 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-28126 Field 11F

Karnaukhov, V. V.; Sobolev, S. K.
DETERMINATION CONTINUE DE LA TENEUR EN CARBONE DU BAIN AU CREUSET A OXYGENE. Org.2-5219 P.216; CNRS-H/R-75.
Order from CNRS as H/R-75

Trans. in French of Stal (USSR) v24 n7 p597-9 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, N o. 8.

TT-65-28127 Field 11F

Voinov, S. G.; Kosoi, L. F.; Morozenskii, A. I.; Savelev, D. F.; Shalimov, A. G.
TRAITEMENT EN POCHE PAR UN LAITIER SYNTHETIQUE D'ACIER MARTIN ALLIE. Org.2-5220 P.257; CNRS-H/R-76.
Order from CNRS as H/R-76

Trans. in French of Stal (USSR) v24 n7 p599-604 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-28128 Field 11F

Pisarenko, G. A.; Radya, V. S.; Gerotskii, V. A.; Blikanov, A. A.; Mokronosov, E. D.
COULEE DE LINGOTIERES EN FONTE AU MAGNESIUM DANS DES MOULES A NOYAU METALLIQUE. Org.2-5221 P.314; CNRS-H/R-77.
Order from CNRS as H/R-77

Trans. in French of Stal (USSR) v24 n7 p607-10 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-28129 Field 11F

Vylchev, A.
ESSAIS D'UN NOUVEAU REVETEMENT PROTECTEUR DES ELECTRODES DE GRAPHITE DE FOUR A ARC. Org.2-5222 P.233; CNRS-H/R-78.
Order from CNRS as H/R-78

Trans. in French of Stal (USSR) v24 n7 p615-7 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-28130 Field 11F

Fomichev, I. A.; Trofimovich, A. I.; Solovev, Yu. F.
ESSAIS D'UTILISATION DE BOIS IMPREGNE DE MATIERE PLASTIQUE POUR LES COUSSINETS DES CAGES DE LAMINOIRS. Org.2-5223 P.411; CNRS-H/R-79.
Order from CNRS as H/R-79

Trans. in French of Stal (USSR) v24 n7 p667-70 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-28131 Field 11F

Heineman, A. V.; Medzhibozhskii, M. Ya.
INFLUENCE DE LA TEMPERATURE DU BAIN SUR LA VITESSE DE DECARBURATION AU FOUR MARTIN. Org.2 - 5225 P.224; CNRS-H/R-80.
Order from CNRS as H/R - 80

Trans. in French of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v6 n8 p57-9 1963.

TT-65-28343 Field 11F

Tudos, F.; Berezhnykh, T.; Turcsanyi, B.
CINETIQUE DINHIBITION DE LA POLYMERISATION RADICALE. VIII. DETERMINATION DU COEFFICIENT STOECHIOMETRIQUE DANS LES CAS DE MODERATEURS. 21p, 12refs. CNRS-VIII-276.
Order from ETC: $2.60 as TT-65-28343

Trans. in French of Vysokomolekulyarnye Soedineniya (USSR) v4 n10 p1584-94 1962.

TT-65-28344 Field 11F

Korshak, V. V.; Mozgova, K. K.; Krukovskii, S. P.
PREPARATION DES COPOLYMERES GREFFES. 10. GREFFAGE DU STYROLENE SUR LE POLYETHYLENE-TEREPHTALATE (DACRON). 10p, 8refs. CNRS-VIII-277.
Order from ETC: $1.10 as TT-65-28344

Trans. in French of Vysokomolekulyarnye Soedineniya (USSR) v4 n11 p1625-30 1962.
Also available from CNRS.

TT-65-28375 Field 11F

COURTE DESCRIPTION DES TRAVAUX EFFECTUES PAR LES BUREAUX D'ETUDES, CO-EDITEURS DE LA PUBLICATION 'PROBLEMY PROJEKCYJNE,' AU COURS DES VINGT ANNEES D'EXISTENCE DE LA REPUBLIQUE POPULAIRE DE POLOGNE. 13p. CNRS-XVII 772.
Order from ETC: $1.60 as TT-65-28375

Trans. in French of Problemy Projektowe Hutnictwa (Poland) n7 p193-8 1964.
Also available from CNRS.

TT-65-28883 Field 11F

Natsuhiro, O.; Noriyuki, U.
IRON ALLOY PLATING METHOD. 19 Mar 65, 7p. INT-15405/64 Japan.
Order from INT: $21.00 as INT-15405/64 Japan

Trans. of Patent (Japan) pub. 39-15405.
Patent filed 25 June 62, pub. 3 Aug 64.

TT-65-29156 Field 11F

Sobolev, S. K.; Oiks, G. M.
PIG-IRON DESULPHURIZATION IN A PIG-IRON CRUCIBLE WITH A SUSPENSION OF LIME AND ALUMINIUM IN A GAS. 7p.
Order from ETC: $1.10 as TT-65-29156

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Another trans. in English is available from HB $4.90 as HB-4623, 1959, 2200 words.

TT-65-29503 Field 11F

Sokolovich, V. E.
HOW TO PROTECT EQUIPMENT FROM CORROSION IN POROUS CONCRETE (Zashchita Armatury ot Korrozii v Yacheistvkh Betonakh). 12p. DTC-67.
Order from ETC or DTC: $1.60 as TT-65-29503

Unedited rough draft trans. of Beton i Zhelezobeton (USSR) v8 n9 p422-4 1962.
Another trans. is available in German from ETC as DAW/WRZ.

TT-65-29505 Field 11F

Khlynov, V. V.; Esin, O. A.; Nikitin, Yu. P.
OM AVLAGSNANDE AV METALLISKA INNESLUTNINGAR (KOROLIKI) UR KOPPARSLAGGER MED HJALP AV ELSTROM. STC-CCL-65/2.
Order from STC as CCL-65/2

Trans. in Swedish of Izvestiya Vysshikh Uchebnykh Zavedenii. Tsvetnaya Metallurgiya (USSR) n2 p58-62 1963.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.
Another trans. available from CFSTI HC$6.00, MF$1.50 as TT-64-71183.

TT-65-29520 Field 11F

Taran, Yu. N.; Chernovol, A. V.
INFLUENZA DELLA VELOCITA DI RAFFREDDAMENTO DELLA GHISA SULL'EFFICACIA DEGLI AGENTI MODIFICANTI. 7p, 14refs. CNP 216.
Order from ETC or CNP: $1.10 as TT-65-29520

Trans. in Italian of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v6 n9 p181-4 1963.

TT-65-29521 Field 11F

Volovik, G. A.
COMPORTAMENTO DELLO ZOLFO NEL PROCESSO ALL'ALTOFORNO. 12p. CNP 217.
Order from ETC or CNP: $1.60 as TT-65-29521

Trans. in Italian of Metallurg (USSR) v9 n11 p3-7 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-29522 Field 11F

Kalmykov, V. V.
CONDIZIONE E MECCANISMO DI FORMAZIONE

DELLA FERRITA A RILIEVO NELLACCIAIO A BASSO TENORE DI CARBONIO CONTENENTE ARSENICO. 10p, 13refs. CNP 218.
Order from ETC or CNP: $1.10 as TT-65-29522

Trans. in Italian of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v7 n10 p137-42 1964.

TT-65-29525 Field 11F

Oreshkin, G. G.
LA FORMAZIONE DIGUARNIZIONI AGLI ALTIFORNI. 14p. CNP 221.
Order from ETC or CNP: $1.60 as TT-65-29525

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TT-65-29528 Field 11F

Leshchinskaya, E. I.; Rostovtsev, S. T.
COMPOSIZIONE MINERALOGICA DELLAGGLOMERATO AUTOFONDENTE E PARTICOLARITA DELLA SUA RIDUZIONE. PART 1 AND 2. 35p, 33refs. CNP 224.
Order from ETC or CNP: $3.60 as TT-65-29528

Trans. in Italian of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) n3 p12-23; n5 p5-15 1962.
Other translations are available in English (no. 3, p.12-23) from HB $9.70 as HB-5626, Dec 62, 3600 words and (no. 5, p. 5-15) from HB $11.60 as HB-5662, Jan 63, 4800 words.

TT-65-29529 Field 11F

Buryiev, B. P.
TERMODINAMICA DELLE SOLUZIONI DI FOSFORO NEL FERRO FUSO IN PRESENZA DI MANGANESE, SILICIO, CARBONIO E ZOLFO. 15p, 12refs. CNP 225.
Order from ETC or CNP: $1.60 as TT-65-29529

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TT-65-29530 Field 11F

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CALCOLO DELLA PRESSIONE DEL METALLO SUI CILINDRI NELLA LAMINAZIONE DELLE LAMIERE. 14p, 9refs. CNP 226.
Order from ETC or CNP: $1.60 as TT-65-29530

Trans. in Italian of Izvestiya Vysshikh Uchebnykh Zavedenii Chernaya Metallurgiya (USSR) v7 n8 p84-92 1964.

TT-65-32530 Field 11F

BRIEF SURVEY OF PRESENT STATUS OF SOVIET METALLURGY. USSR Industrial Development: Soviet Ferrous Metallurgy no. 292. 16 Sep 65, 6p. JPRS-32036.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32530

Trans. from Vyshka (USSR) 3 Aug p2 1965.

TT-65-32580 Field 11F, 13I, 7A

Gladyrevskaya, S. A.; Meandrov, L. V.; Golovanenko, S. A.; Bykov, A. A.
CLAD STAINLESS STEELS. 21 Sep 65, 69p, 22refs. JPRS-32087.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-32580

Trans. of mono. Dvukhsloynye Stali v Khimicheskom Mashinostroenii, Moscow, 1965 p1-66.
Available copy will not permit fully legible reporduction.

TT-65-32600 Field 11F, 13H

Grozin, B. D.; Chernenko, V. S.
POSSIBILITY OF STRENGTHENING STEEL BY ELECTRON BOMBARDMENT. 22 Sep 65, 7p, 7refs. JPRS-32107.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32600

Trans. of Akademiya Nauk URSR, Kiev. Dopovidi, n2 p202-5 1963.

TT-65-32605 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 293. 23 Sep 65, 18p. JPRS-32112.
Order from CFSTI or ETC: HC$1.00, MF$0.50 asTT-65-32605

Translations of 7 selected articles from 1965 issues of various Russian newspapers.

TT-65-32650 Field 11F, 13H

EAST EUROPEAN SCIENTIFIC ABSTRACTS: METALS AND METALLURGY NO. 12. 27 Sep 65, 43p. JPRS-32157.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32650

Contains abstracts of journals from East European scientific and technical journals.

TT-65-61741 Field 11F, 13H

Guyot, P.
CONTRIBUTION TO THE STUDY OF THE PLASTICITY OF SINTERED ALUMINUM POWDER (SAP). Jan 65, 22p. NASA-TT-F-9228; N65-14567.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-14567

Trans. of mono. Contribution a i Etude de la Plasticute du Sap, Paris, 1963 p27.

TT-65-62766 Field 11F

Samsonov, G. V.; Burykina, A. L.; Strashinskaya, L. V.; Pugach, E. A.
THE INTERACTION OF MAGNESIUM OXIDE AND ZIRCONIUM DIOXIDE WITH REFRACTORY COMPOUNDS AT HIGH TEMPERATURES IN VACUO (Vzaimodeistvie Okisi Magniya i Dvuokisi Tsirkoniya s Tugoplavkimi Soedineniami Pri Vysokikh Temperaturakh v Vakuume). Apr 65, 19p.

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Order from CFSTI or ETC: HC$1.00, MF$0.50
as N65-23680

Trans. of Akademiya Nauk SSSR. Izvestiya. Metallurgiya i Gornoe Delo, n4 p106-15 1964.
Another trans. is available from SIC $12.00.

TT-65-62770 Field 11F, 20B

Vasyutinskii, B. M.; Kartmasov, G. N.; Papirov, I. I.
SURFACE STRUCTURE AND PROPERTIES OF CHROMIUM NEEDLE CRYSTALS (Poverkhnostnaya Struktura i Svoystva Igolchatykh Kristallov Khroma). May 65, 13p. NASA-TT-F-9358; N65-23685.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-23685

Trans. of Fizika Metallov i Metallovedenie (USSR) v17 n6 p892-7 1964.

TT-65-62771 Field 11F

Savitskii, A. P.; Kozlov, Yu. I.; Itin, V. I.; Savitskii, K. V.; Zhdanova, V. N.
INFLUENCE OF POROSITY ON THE MECHANICAL PROPERTIES OF METAL CERAMIC COPPER AND Cu-Al ALLOY (Vliyanie Poristosti Na Mekhanicheskie Svovstva Metallokeramicheskoi Medi i Splava Cu-Al). May 65, 8p. NASA-TT-F-9363; N65-23686.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-23686

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Fizika (USSR) n5 p34-7 1964.

TT-65-62774 Field 11F

Livanov, V. A.; Bukhanova, A. A.; Kolachev, B. A.; Neverova-Skobeleva, N. P.; Slavina, I. I.
EFFECT OF HYDROGEN ON THE MECHANICAL PROPERTIES OF TITANIUM AND OT4-1 ALLOY (Vyliyanie Vodoroda Na Mekhanicheskie Svoystva Titana 1 Splava O.4-1). May 65, 12p. NASA-TT-F-9365; N65-23716.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as N65-23716

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Tsvetnaya Metallurgiya (USSR) v7 n4 p124-9 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-63095 Field 11F

Bychkov, Yu. F.; Ivanov, V. A.; Rozanov, A. N.
CONCERNING THE FORMATION OF SCALE WITH STRUCTURE 6Zr02.Nb205 ON ALLOYS OF ZIRCONIUM WITH NIOBIUM. 8 Jul 65, 16p, 8refs. FTD-MT-64-504; AD-619 472.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-619 472

Edited machine trans. of Metallurgiya i Metallovedenie Chistykh Metallov (USSR) v4 p47-57 1963.
Another trans. is available from CFSTI $3.00 in TT-64-21263, JPRS-22697 (p27-38), 12p.

TT-65-63214 Field 11F, 20

Markhasev, B. I.; Sedletskii, I. D.
REGULARITIES OF STRUCTURE IN MELTS OF THE Me2O3-SiO2 SYSTEMS (O Nekotorykh Zakonomernostiakh Stroeniia Rasplavov v Sistemakh Me2O3-SiO2). 1965, 8p (foreign text included) (figs omitted) 5refs.
NBS-S-425247-65-D.
Order from CFSTI or ETC: HC$1.60, MF$0.50 as TT-65-63214

Trans. of Akademiya Nauk SSSR. Doklady, v154 n5 p1125-7 1964.

TT-65-63321 Field 11F, 13I

Pisarev, N. M.; Kozhin, V. M.
FREE-CUTTING STAINLESS STEEL. 27 May 65, 5p. FTD-TT-65-487; AD-620 079.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-620 079

Unedited rough draft trans. of Patent (USSR) 155 813. Patent appl. no. 779510/22-2, 18 May 62.

TT-65-63639 Field 11F, 20B

Samsonev, N. V.; Synelnykova, V. S.; Kyalyi, P. O.
ALLOYS OF THE BORON CARBIDE-MOLYBDENUM DISILICIDE SYSTEM (Splavy Sistemy Karbid Boru-Dysylizyd Molibdenu). Tr. by J. P. Ruban. 1965, 7p (foreign text included) 5refs. CSIRO-Trans-7232.
Available on loan from CFSTI as TT-65-63639

Trans. of Akademiya Nauk URSR, Kiev. Dopovidi, n8 p866-8 1959.
Other trans. are available from CFSTI or ETC HC$1.00, MF$0.50 as TT-61-13511; from LC or SLA mi$1.80, ph$1.80 as AEC-tr-4077.

TT-65-63830 Field 11F

Gulyaev, A. P.; Karchevskaya, N. I.
MARTENSITE CONVERSION IN ALLOYS WITH AGING MARTENSITE. 13 Aug 65, 9p, 2refs. FTD-TT-65-670; AD-620 773.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-620 773

Unedited rough draft trans. of Metallovedenie i Termicheskaya Obrabotka Metallov (USSR) n11 p2-5 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-63841 Field 11F, 14B

Fedorovskii, A. E.; Bykov, V. N.
DEVICE FOR REGISTERING INTERNAL FRICTION IN METALS DURING HEATING. 25 Aug 65, 7p. FTD-TT-65-479; AD-620 789.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-620 789

Unedited rough draft trans. of Patent (USSR) 161 559. Patent appl. no. 780952/25-8, 25 May 62.

TT-65-63842 Field 11F, 13H

Bashenko, V. V.; Donskoi, A. V.; Ratnikov, D. G.
METHOD OF MELTING METALS IN VACUUM FURNACES. 24 Aug 65, 5p. FTD-TT-65-471; AD-620 790.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-620 790.

Unedited rough draft trans. of Patent (USSR) 166 977. Patent appl. no. 797782/24-7, 9 Oct 62.

TT-65-63846 Field 11F

Eskin, G. I.; Slotin, V. I.
INDUSTRIAL APPLICATION OF ULTRASIONIC DEGASING OF ALUMINUM ALLOYS. 10 Aug 65, 10p, 4refs. FTD-TT-65-982; AD-620 803.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-620 803

Unedited rough draft trans. of Alyuminievye Splavy (USSR) v1 p139-49 1963.

TT-65-63881 Field 11F

Ivanov, V. E.; Nechiporenko, E. P.; Krivoruchko, V. M.; Mitrfanov, A. S.
CERTAIN CHARACTERISTICS OF SILICIDING OF METALS WHICH ARE DIFFICULT TO FUSE (O Nekotorykh Osobennostyakh Vakuumnogo Silitsirovaniya Tugoplavki Metallov). Apr 65, 6p, 4refs. TIL/T.5569.
Order from CFSTI or ETC: hc41.10, MF$0.50 as TT-65-63881

Trans. of Fizika Metallov i Metallovedenie (USSR) v17 n6 p862-5 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-63888 Field 11F, 20B

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OVER POLYAMIDEN BESTAANDE UIT HETEROKETENS. XXVI. GEMENGDE POLYAMIDEN VAN PIPERAZINE MET ALIFATISCHE EN AROMATISCHE DICARBONZUREN (Iz Oblasti Geterotsepnykh Polyamidov. XXVI. Smeshannie Poliamdy iz Piperazina i Alif. i Arom. Diarbonnykh Kislot). Tr. by S. Verhezen. 14p. CBT-III-55.
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TT-65-26445 Field 11I

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OVER POLYAMIDEN BESTAANDE UIT HETEROKETENS. XXV. SYNTHESE IN HET GRENSVLAK TUSSEN DE FASEN VAN POLYAMIDEN, DIE PIPERAZINE-EENHEDEN BEVATTEN (Iz Oblasti Geterotsepnykh Polyamidov. XXV. Poluchenie Polyamidov, Soderzhashchikh Ostatki Piperazina, na Granitse Razdela Faz). Tr. by S. Verhezen. 14p. CBT-III-56.
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TT-65-26453 Field 11I

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TT-65-27914 Field 11I

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Order from ETC: $1.60 as TT-65-27914

Trans. in French of Nihon Kagaku Zasshi (Japan) v84 n11 p868-71 1963.
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Order from ETC: $1.10 as TT-65-27915

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Order from ETC: $1.60 as TT-65-27917

Trans. in French of Vysokomolekulyarnye Soedineniya (USSR) v4 n10 p1520-7 1962.
Another trans. is available in English from PP $140.00/year in Polymer Science USSR v4 n3 p382-490.
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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-28345 Field 11I

Tudos, F.; Simandi, L.; Azori, M.
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Order from ETC: $2.60 as TT-65-28345

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TT-65-31966 Field 11I, 20K, 20B

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ON THE PIEZO-OPTICAL EFFECT IN POLYMERS UNDER SIMPLE LOADING. 9 Aug 65, 28p, 9refs. JPRS-31470.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31966

Trans. of Issledovaniya po Uprugosti i Plastichnosti (USSR) p172-91 1964.

TT-65-32588 Field 11I, 11F, 11G

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 256. 22 Sep 65, 46p, 17refs. JPRS-32095.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32588

Contains translations of selected articles from 1965 issues of various Intrabloc, Polish and Yugoslavian periodicals.

TT-65-62466 Field 11I

Andreev, I. V.; Koton, M. M.; Kovalev, K. A.
THE POLYMERIZATION OF ACROLEIN AND ITS DERIVATIVES (Polimerizatsiya Akroleina i Ego Proizvodnykh). Apr 65, 11p. NASA-TT-F-9341, N65-21634.
Order from CFSTI or ETC: HC$1/00, MF$0.50 as N65-21634

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-63105 Field 11I

Trostyanskaya, E. B.; Poimanov, A. M.; Kazanskii, Yu. N.; Kutkov, A. A.; Avdeiev, D. T.
PLASTICS (SELECTED ARTICLES). STRENGTH OF GLASS PLASTICS AND ITS DEPENDENCE UPON THE CHANGE IN WETTING ANGLE WITH BINDING OF WATER PROOFED GLASS FIBERS. MECHANICAL AND FRICTION PROPERTIES OF POLYAMIDE AND POLYETHYLENE. 18 Jun 65, 21p, 2refs. FTD-TT-65-319; AD-619 482.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 482

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TT-65-63499 Field 11I

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METHOD FOR THE PREPARATION OF OIL-SOLUBLE, NEUTRAL SYNTHETIC RESINS. 20 Aug 65, 7p.
Order from CFSTI, SLA or ETC: HC$1.10, MF$0.50 as TT-65-63499

Trans. of Patent (Germany) 561 082.
Patent Class 12 o, Group 26; addition no. 2 to Patent 526 391; patented by I. G. Farbenindustrie A.G.; patented from 21 Mar 30; grant announced 22 Sep 32; pub. 10 Oct 32.
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TT-65-63788 Field 11I

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TT-65-63828 Field 11I

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ON THE USE OF BORIC ACID ESTERS IN ROLE OF ANTIOXIDANTS FOR POLYMERIC MATERIALS. 20 Aug 65,

11p, 11refs. FTD-TT-65-703; AD-620 771.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-620 771

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TT-65-63910 Field 11I, 14B

Vinogradov, G. V.; Belkin, I. M.
ROTATIONAL ELASTOVISCOSIMETERS FOR STUDYING POLYMERIC SYSTEMS. 28 May 65, 12p, 15refs.
FTD-TT-65-144; AD-620 969.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-620 969

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TT-65-63924 Field 11I

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-620 999

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J. Rubbers

NCH-202 155 Field 11J

Natta, G.; Pegoraro, M.; Severini, F.; Dabhade, S.
IMPROVEMENTS IN THE IMPACT RESISTANCE OF POLYSTYRENE BY BLENDING WITH COPOLYMERS RESULTING FROM THE GRAFTING OF STYRENE ONTO ELASTOMERIC ETHYLENE-PROPYLENE COPOLYMERS. Apr 65, 17p, 12refs. CTS(Chem)-407.
Order from CTS(Chem): $16.80 as CTS(Chem)-407

Trans. of la Chimica e l'Industria (Italy) v47 n4 p384-90 1965.

NCH-202 252 Field 11J

PROCEDURE FOR POLYMERIZING AROMATIC VINYL MATERIALS AND RUBBERY MATERIALS AND COMPOSITIONS OBTAINED BY THIS PROCEDURE. 1965, 19p. IICH-8628.
Order from IICH: $19.00 as IICH 8628

Trans. of Patent (France) 1 337 324.
Patented 5 Aug 63.

NCH-202 253 Field 11J

PROCEDURE FOR POLYMERIZING ARO MATIC VINYL MATE RIALS WITH RUBBERY MATERIALS AND COMPOUNDS OBTAINED BY THIS PROCEDURE. 1965, 20p. IICH-8629.
Order from IICH: $20.00 as IICH-8629

Trans. of Patent (France) 1 337 325.
Patent pub. 5 Aug 63.

NCH-202 446 Field 11J

PROCESS FOR THE PREPARATION OF SYNTHETIC RUBBER AND OF MATERIALS SIMILAR TO RUBBER. 1965, 4p. ATS-34S86I.
Order from ATS: $6.50 as ATS-34S86I

Trans. of Patent (Italy) 271 263.
Patented by I. G. Farbenindustrie AG, Frankfurt a.M., Germany. Priority of application 31,732 filed in Germany 20 Jul 27. Granted 3 Feb 30. Effective from 19 Jul 28.

TT-65-63821 Field 11J

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-620 764

Unedited rough draft trans. of Patent (USSR) 166 132.
Patent appl. no. 773821/23-4, 13 Apr 62.

TT-65-64125 Field 11J

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Order from CFSTI, SLA, or ETC: HC$3.00, MF$0.75 as AD-622 237

K. Solvents, cleaners and abrasives

NCH-201 872 Field 11K

Dworzecki, A.; Thom, L.
METHOD FOR THE MANUFACTURE OF LIQUID LAUNDERING AND WASHING AGENTS BASED ON SYNTHETIC DETERGENTS. 1965, 3p. ATS-34S85P.
Order from ATS: $8.75 as ATS-34S85P

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Patented by Warszawska Fabryka Mydla i Kosmetykow, Warsaw, Poland. Add. Patent to Patent 101 334, appl. filed 19 Apr 63, Priority pub. 29 Jun 64.

L. Wood and paper products

NCH-202 268 Field 11L, 11C

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SOME CHARACTERISTICS OF THE ELECTROSTATIC PAINTING OF WOOD. 1965. TTIS-NS-410.
Order from TTIS: $9.00 as NS-410

Trans. of Lakokrasochnye Materialy i ikh Primenenie (USSR) n6 p39-40 1964.

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Wilfinger, H.
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Order from SLA: $1.10 as TT-65-13718

Trans. of Patent (Germany) 758 570.
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TT-65-63439 Field 11L

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THE DIFFERENTIATION OF EARLYWOOD FIBERS AND LATEWOOD FIBERS THROUGH SECONDARY FLUORESCENCE. 1965, 6p, 15refs. FPL-Trans-598.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63439

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12 MATHEMATICAL SCIENCES

A. Mathematics and statistics

TT-65-13679 Field 12A

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SUFFICIENT CONDITIONS FOR STABILITY OF THE SOLUTIONS OF CERTAIN NONLINEAR SECOND-ORDER EQUATIONS (O Dostatochnykh Usloviyakh Ustoichivosti Reshenii Nekotorykh Nelineinykh Uravnenii Vtorogo Poryadka). 12p (foreign text included) 1ref.
Order from SLA: $1.60 as TT-65-13679

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COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 3. 28 Sep 65, 52p. JPRS-32162.
Order from CFSTI or ETC: HC$3.00, MF$0.50 as TT-65-32655

Contains abstracts of articles from Communist Chinese scientific journals, as well as translations of abstracts pertaining to Communist China, published in the various series of the Russian abstracts journals.

TT-65-62478 Field 12A

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APPLICATION OF VARIATIONAL PRINCIPLES, THE HAMILTON PRINCIPLE IN PARTICULAR, TO THE APPROXIMATE SOLUTION OF HYPERBOLIC DIFFERENTIAL EQUATIONS (O Primenenii Variatsionnykh Printsipov, v Chastnosti Printsipa Gamiltona, Dlya Priblizhennogo Resheniya Differentsialnykh Uravnenii Giperbolicheskogo Tipa). Mar 65, 8p. NASA-TT-F-9296; N65-19511.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-19511

Trans. of Akademiya Navuk BSSR, Minsk, Doklady, v8 n11 p689-92 1964.

TT-65-62762 Field 12A

Falk, S.
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Order from CFSTI or ETC: HC$2.00, MF$0.50 as N65-23676

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13 MECHANICAL, INDUSTRIAL, CIVIL, AND MARINE ENGINEERING

A. Air conditioning, heating, lighting and ventilating

NCH-202 201 Field 13A

Krol, Ts. I.
DISCUSSIONS ON THE PROBLEM OF ILLUMINATING PREMISES WITHOUT NATURAL LIGHTING. 13 Feb 62, 9p (figs omitted). NLL-M.5053.
Order from NLL as M.5053

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NCH-202 358 Field 13A

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Order from NLL

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Bron, L. S.
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Order from ETC or CID: $1.60 as TT-65-27573

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

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ERRORES DE FORMA EN EL MECANIZADO EN MAQUINAS-REVOLVER AUTOMATICAS DE UN ZABEZAL (Progreshnosti Formy pri Obrabotke na Odnoshpindelnykh Revolvernykh Avtomatakh). 13p, 2refs. CID: 65-695.
Order from ETC or CID: $1.60 as TT-65-27575

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-27576 Field 13A

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DISPOSITIVOS PARA EL VACIADO DE MUELAS Y RECTIFICADO DE SUPERFICIES DE FORMA (Prisposobleniya dlya Pravki Shlifovalnykh Krugov i dlya Shlifovaniya Fasonnykh Poverkhnostei). 9p.
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Order from ETC or CID: $1.10 as TT-65-27576

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TT-65-27577 Field 13A

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CID: 65-697.
Order from ETC or CID: $1.10 as TT-65-27577

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

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EMPLEO DE ROTORES INTERCAMBIABLES PARA LA TRANSFORMACION TEMPORAL DE LAS TURBINAS DE VAPOR A CONDENSACION AL SISTEMA DE CONTRAPRESION A FIN D E ADAPTARLAS A LOS SERVICIOS DE CALEFACCION DURANTE LA CAMPANA INVERNAL (Primenenie Smennykh Rotorov dlya Sezonnogo Perevoda Kondensatsionnykh Parovykh Turbinna Protivodavlenie dlya Tselei Teplofikatsii). 14p. CID: 65-700.
Order from E TC or CID: $1.60 as TT-65-27580

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CENTRALES ATOMICAS COMBINAD AS Y SUS INDICES DE RENDIMIENTO ECONOMICO (Kombinirovannye Atomnye E lektrostantsii i Pokazateli Ikh Teplovoi Ekonomichnosti). 15p, 5refs. CID: 65-701.
Order from ETC or CID: $1.60 as TT-65-17581

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Kletskii, A. V.
ESTUDIO EXPERIMENTAL DE LA CURVA DE PRESION DEL VAPOR Y VOLUMENES ESPECIFICOS DEL FREON -22 (Eksperimentalnoe Issledovanie Krivoi Davleniya Para i Udelnykh Obemov Freona-22). 12p, 6refs. CID: 65-709.
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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

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Order from ETC or CID: $1.60 as TT-65-27601

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Khukhryanskii, P. N.; Gorbenko, A. F.; Planida, V. F.
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Meshcheryakov, V. A.
SOBRE LA COLOCACION DE LAS RUEDAS DE APOYO EN LAS MAQUINAS Y APEROS SEMISUSPENDIDOS (O Razmeshchenii Koles Polunavesnykh Mashin). 11p, 4refs.
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CUCHILLAS AUTOAFILABLES DE LA COSECHADORA-PICADORA DE FORRAJE SK-2, 6 (Samozatachivayushchiesya Silosoreznye Nozhi Kombaina SK-2, 6). 9p. CID 65-734.
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TT-65-63528 Field 13A

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INVESTIGATION OF DEPOSIT FORMATION ON THE WATER-WALL TUBES OF A TP-90 BOILER. Tr. by R. J. Zatorski. 1965, 18p (foreign text included) 7refs.
CSIRO-Trans-7034.
Order from CFSTI, SLA or ETC: HC$1.60, MF$0.50 as TT-65-63528

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B. Civil engineering

TT-64-27277 Field 13B

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TT-64-27279 Field 13B

Stavitskii
INFLUENCIA DA VELOCIDADE DE CILINDRAGEM NA RESISTENCIA DOS SOLOS-CIMENTOS (Vliyanie Skorosti Utkatki na Broshnost Tsementogrunta). 5p. LNEC-F-1.
Order from LNEC: $0.25 as LNEC-F-1

Trans. in Portuguese of Avtomobilnye Dorogi (USSR) v27 n5 p11-12,14 1964.

TT-64-27281 Field 13B

Ginzburg, M. R.; Maltsov, K. A.; Solokov, I. B.
DETERMINACAO DA SUBPRESSAO EM ESTRUTURAS HIDRAULICAS DE BETAO. 72p. LNEC-T-108.
Order from LNEC: $3.70 as LNEC-T-108

Trans. in Portuguese of mono. Opredelenie Velichiny Protivodavleniya v Betonnoi Kladke Gidrotekhicheskikh Sooruzhenii, Moscow/Leningrad, 1959.

TT-65-13763 Field 13B

Margotev, A. N.
INCREASING THE CARRYING CAPACITY OF THE BASIC SURFACE OF THE ROADBED. 6p.
Order from SLA: $1.10 as TT-65-13763

Trans. of Zheleznodorozhnyi Transport (USSR) v46 n11 p44-7 1964.

TT-65-13792 Field 13B

Terekhin, L. N.
ESTABLISHING THE COMPACTNESS OF CRUSHED STONE BALLAST. 9p.
Order from SLA: $1.10 as TT-65-13792

Trans. of Vsesoyuznyi Nauchno-Issledovatelskii Institut Zheleznodorozhnogo Transporta. Vestnik (USSR) v23 n3 p35-8 1964.

TT-65-13874 Field 13B, 8H

Lang, A.; Bruns, H.
CONCERNING THE CONTAMINATION OF GROUNDWATER BY CHEMICAL SUBSTANCES. 13p, 1ref.
Order from SLA: $1.60 as TT-65-13874

Trans. of GWF; das Gas- und Wasserfach (Germany) v83 p6-9 1940.

TT-65-32524 Field 13B

Prokopenko, A. V.; Fedorchuk, S. Ya.
MEANS OF MEASURING AIR POLLUTION: AN ASPIRATOR ATTACHMENT FOR 24-HOUR AIR SAMPLING (AND) METHODOLOGY OF DETERMINING RHENIUM OXIDES IN CONDENSATION AEROSOLS.
16 Sep 65, 9p, 3refs. JPRS-32030.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32524

Trans. of Gigiena i Sanitariya (USSR) v30 n7 p60-1, 68-9 1965.
Available copy will not permit fully legible reproduction.

TT-65-63264 Field 13B

Iziurova, A. I.; Ovchinkin, I. P.
PURIFICATION OF WATER BY ELECTROLYSIS WITH ALUMINUM. Tr. by Z. Knowles. 6 Apr 49, 14p.
Order from CFSTI or ETC: HC$1.60, MF$0.50 as TT-65-63264

Trans. of Gigiena i Sanitariya (USSR) v12 n3 p1-9 1947.
Available copy will not permit fully legible reproduction.

TT-65-63408 Field 13B

Posokhin, M.
THE CITY OF THE FUTURE IS BEING CREATED TODAY (Arkhitektura SSSR; Gorod Budushchego Sozidaetsya Segodnya).. 24 Jun 65, 15p (figs omitted). ACSI-I-6495A.
Order from CFSTI or ETC: HC$1.60, MF$0.50 as TT-65-63408

Trans. from Pravda, Moscow (USSR)26, 28 Jul; 7 Aug 1964.
Another trans. of 26 Jul 64 is available from CFSTI HC$1.00, MF$0.50 as TT-64-51052, JPRS-26705.

TT-65-63804 Field 13B, 13M

Zheravskii, Ya.; Mikhailov, A.; Nuikin, V.; Polosov, A.; Tiukhenits, G.
PLANNING AND DEVELOPMENT OF NEW RESIDENTIAL DISTRICTS IN MOSCOW; ON THE PLANNING AND STRUCTURE OF A RESIDENTIAL DISTRICT; PROJECT OF A SCIENTIFIC TOWN IN IRKUTSK (Planirovka i Zastroyka Novikh Zhilikh Moskvy; O Planivorochnoy Structure Zhilovo Rayona; Proekt Nauchnovo Gorodka v Irkutske). 1965, 25p (figs omitted). ACSI-I-6576.
Order from CFSTI or ETC: HC$2.60, MF$0.50 as TT-65-63804

Trans. of mono. Arkhitektura SSSR, n.p. n.d. p1-21 1959.

TT-65-63809 Field 13B, 8K, 13M

Glinka, V.
SPECIFIC FEATURES OF PLANNING AND DEVELOPING TOWNS IN THE REGIONS OF HIGH SEISMICITY (Osobennosti Planirovki i Zastroiki Gorodov v Rayonakh Visokoi Seismichnosti). 27 Jul 65, 9p. ACSI-I-6578.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63809

Trans. of Arkhitektura SSSR, n5 p33-7 1964.

TT-65-64094 Field 13B, 11C, 13L

Kirchner, S.
DEVELOPMENT, TESTING AND APPLICATION OF ROADWAY-MARKING PAINT (Entwicklung, Pruefung und Anwendung von Strassenmarkierungsfarbe).
Oct 65, 18p, 3refs. AERDL-T-1805-65; AD-622 095.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-622 095

Trans. of Plaste und Kautschuk (East Germany) v10 n8 p508-12 1965.
Translated under Contract DA44 009AMC930T.

C. Construction equipment, materials and supplies

NCH-201 898 Field 13C, 13M

Leonhardt, F.; Walther, R.
CONTRIBUTION TO THE TREATMENT OF SHEAR IN REINFORCED CONCRETE (Beitrage zur Behandlung der Schubprobleme im Stahlbetonbau). Tr. by Verschuren, J. P.; MacGregor, J. G. 1965, 183p, 25refs.
NRC-TT-1172; NRC-C-5459.
Order from NRC: $9.50 as C-5459

Trans. of Beton und Stahlbetonbau (West Germany) v56 n12 p277-90 1961; v57 n2 p32-44, n3 p54-64, n6 p141-9, n7 p161-73, n8 p184-8 1962.

NCH-202 097 Field 13C

Schwiete, H. E.; Niel, E.
THE DETERMINATION OF THE VARIOUS SULPHATES IN CEMENT DURING SETTING. 19 Aug 65. BISI-4342.
Order from BISI: L7 as BISI-4342

Trans. of Zement-Kalk-Gips (West Germany) v18(54) n4 p157-63 1965.

NCH-202 265 Field 13C

METHOD FOR PRODUCING MORTAR OR CONCRETE. 1965, 8p. IICH-8641.
Order from IICH: $8.00 as IICH-8641

Trans. of Patent (Switzerland) 257 968.
Patented 2 May 49.

NCH-202 279 Field 13C, 13B

Kleinert, H.
PROCESS FOR THE PRODUCTION OF BITUMINOUS HIGHWAY DRESSINGS. 1965. TTIS-NS-421.
Order from TTIS: $5.00 as NS-421

Trans. of Patent (East Germany) 28 480.
Patent application 4 May 61; published 15 Apr 64.

NCH-202 354 Field 13C, 13M

Mitgarts, L. V.; Kopchugov, V. A.
ACCURACY IN MANUFACTURING AND ERECTING PRECAST CONCRETE UNITS AS A BASIS FOR IMPROVING THE QUALITY OF BUILDINGS. Tr. by H. Mietkowski. Jun 65, 5p. LC-1305.
Order from NLL

Trans. of Beton i Zhelezobeton (USSR) v2 n3 p1-4 1965.

NCH-202 355 Field 13C, 14B

Pflaumer, O. E.
THE PRINCIPLES AND PRACTICE OF THE ULTRASONIC TESTING OF CONCRETE. Tr. by V. McEachran. May 65, 11p, 9refs. LC-1293.
Order from NLL

Trans. of mono. Osnovy i Praktika Ultrasvukovykh Ispytanii Betona, Moscow, 1962 p20-40.

NCH-202 356 Field 13C, 11E

Lishanskii, V. A.; Uvarov, E. P.
THE VIBRATING CONVEYANCE OF STIFF CONCRETE MIXES IN FIBERGLASS TROUGHS. Tr. by V. McEachran. May 65, 4p. LC-1287.
Order from NLL

Trans. of Mekhanizatsiya Stroitelstva (USSR) v21 n2 p22-4 1964.

NCH-202 394 Field 13C, 8D

Geiro, S. S.
GEOCHEMICAL CHARACTERISTICS OF BITUMENS ACCORDING TO INFRARED ABSORPTION SPECTRA. 1965, 5p. ATS-63S86R.
Order from ATS: $6.25 as ATS-63S86R

Trans. of Akademiya Nauk SSSR, Izvestiya Seriya Fizicheskaya v27 n1 p110-3 1963.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-29502 Field 13C

Naumenko, A. S.
PROJECTING OF POROUS CONCRETE WITH A GIVEN VOLUMETRIC WEIGHT (Proektirovanie Sostava Gazobetona s Zadannym Obemnym Vesom). 23p. DTC-66.
Order from ETC or DTC: $2.60 as TT-65-29502

Unedited rough draft trans. of Beton i Zhelezobeton (USSR) v8 n9 p414-8 1962.

TT-65-32586 Field 13C

SOVIET CONSTRUCTION AND BUILDING MATERIALS INDUSTRY: TRANSLATIONS NO. 81. 21 Sep 65, 75p. JPRS-32093.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-32586

Contains translations of 19 selected articles from 1965 issues of various Russian newspapers.

TT-65-32779 Field 13C, 13F, 10A

EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 406. 6 Oct 65, 37p. JPRS-32289.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32779

Translation of 4 selected articles from Aug 65 issues of various Intrabloc, East German and Polish newspapers and periodicals.

TT-65-63557 Field 13C

Budnikov, P. P.; Royak, S. M.; Malinin, Yu. S.; Mayants, M. M.
INVESTIGATION OF THE KINETICS OF HYDRATION OF PORTLAND CEMENT CLINKER MINERALS DURING HYDROTHERMAL TREATMENT (Issledovanie Kinetiki Gidratsii Mineralov Portlandtsementnogo Klinkera Pri Gidrotermalnoi Obrabotke). Tr. by G. N. Gibson. May 65, 7p, 18refs. LC-1284.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63557

Trans. of Akademiya Nauk SSSR. Doklady, v148 n1 p91-4 1963.

TT-65-63885 Field 13C

Skramtaev, B. G.; Baranov, A. T.; Sedakova, M. T.; Lavrentiev, S. D.; Posyada, Yu. N.
PAPERS ON LIGHTWEIGHT CONCRETE. Tr. by V. McEachran. Aug 64, 5p. LC-1223.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63885

Trans. of Beton i Zhelezobeton (USSR) v8 n9 p389, 401-2, 408, 414 1962.
Available copy will not permit fully legible reproduction.

TT-65-63886 Field 13C

Popov, N. A.; Elinson, M. P.
IMPROVING THE QUALITY AND EFFICIENCY OF LIGHT-WEIGHT CONCRETE (Povyshenie Kachestva i Effektivnost Legkikh Betonov). Tr. by V. McEachran. Aug 64, 7p, 2refs. LC-1222.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63886

Trans. of Beton i Zhelezobeton (USSR) v8 n9 p390-3 1962. Available copy will not permit fully legible reproduction.

D. Containers and packaging

TT-65-62688 Field 13D

IMPROVEMENTS IN THE MANUFACTURE OF SPECIAL BOTTLE CONTAINERS. 19 Feb 65, 7p (figs omitted)
Order from CFSTI, SLA or ETC: HC$1.10, MF$0.50 as TT-65-62688.

Trans. of Patent (Spain) 257 550.
Patent application 22 Apr 60, granted to Hercules Iberica, S. A., Vigo (Pontevedra) Avda. Orillamar (Spain), 16 May 60.

TT-65-63806 Field 13D, 13J

Golod, B. I.; Koshevoi, A. L.
FLEXIBLE CONTAINERS FOR TRANSPORTING AND STORING LIQUID CARGOES (BASED ON FOREIGN PRESS MATERIALS). 25 May 64, 59p, 16refs. ACSI-I-4689.
Order from CFSTI or ETC: HC$5.60, MF$0.75 as TT-65-63806

Trans. of mono. Elastichne Yemkosti Dlya Transportirovki i Khraneniya Zhidkikh Gruzov, Leningrad, 1963 p1-89.

F. Ground transportation equipment

NCH-200 687 Field 13F, 9C

Kirbyatev, L. N.; Melikhov, V. L.; Sverdlov, V. Ya. Stekolshchikov, V. A.
THE MAIN LINE VL60K ELECTRIC LOCOMOTIVE WITH SILICON RECTIFIERS (Magistralnyi Elektrovoz VL60K s Kremnievymi Vypryamitelyami). 27 Nov 64, 14p (foreign text included). TP/T 3568.
Order from NLL

Trans. of Elektricheskaya i Teplovoznaya Tyaga (USSR) v8 n2 p26-30 1964.

TT-65-13754 Field 13F

STUDY OF THE PROBLEM OF ADHESION OF LOCOMOTIVES AS A FUNCTION OF THEIR CONSTRUCTION AND USE. 9p (figs table omitted).
Order from SLA: $1.10 as TT-65-13754

Trans. of Unidentified standard, n.d.

TT-65-13760 Field 13F

NEW TYPES OF RAILWAY CARS IN SOVIET RUSSIA. 14p.
Order from SLA: $1.60 as TT-65-13760

Trans. of Zheleznodorozhnyi Transport (USSR) v46 n12 p35-8 1964.

TT-65-13762 Field 13F

A MACHINE FOR UNLOADING CAKED BULK CARGO FROM BOX CARS. 1p (fig omitted).
Order from SLA: $1.10 as TT-65-13762

Trans. of Zheleznodorozhnyi Transport (USSR) v46 n11 p82 1964.

TT-65-13764 Field 13F

Vejrov, I. E.
FOR A LOWER CONSUMPTION OF DIESEL FUEL. 4p.
Order from SLA: $1.10 as TT-65-13764

Trans. of Zheleznodorozhnyi Transport (USSR) v46 n10 p59-61 1964.

TT-65-13765 Field 13F

Arsenev, V. I.
A CHEMICAL COMPOSITION FOR WASHING PASSENGER CARS. 2p.
Order from SLA: $1.10 as TT-65-13765

Trans. of Zheleznodorozhnyi Transport (USSR) v46 n10 p71-2 1964.

TT-65-13766 Field 13F

Beshketo, V. K.
HOW TO REDUCE THE LOSS OF COAL WHEN TRANSPORTED AT HIGH SPEEDS. 5p.
Order from SLA: $1.10 as TT-65-13766

Trans. of Zheleznodorozhnyi Transport (USSR) v46 n10 p27-9 1964.

TT-65-13767 Field 13F

Shturmin, V. G.
MULTI-GROUP METHOD FOR CAR INSPECTION AND REPAIR. 5p.
Order from SLA: $1.10 as TT-65-13767

Trans. of Zheleznodorozhnyi Transport (USSR) v46 n9 p65-8 1964.

TT-65-13768 Field 13F

Sokolov, L. N.; Itingof, N. Sh.
EXTENSIVE UTILIZATION OF MARSHALLING TRACKS. 5p.
Order from SLA: $1.10 as TT-65-13768

Trans. of Zheleznodorozhnyi Transport (USSR) v46 n8 p69-72 1964.

TT-65-13769 Field 13F

Shenderovich, M. E.
PLASTICS USED IN MANUFACTURE OF PASSENGER CARS. 5p.
Order from SLA: $1.10 as TT-65-13769

Trans. of Zheleznodorozhnyi Transport (USSR) v46 n7 p45-8 1964.

TT-65-13786 Field 13F

Kazarinov, V. M.; Grebenyuk, P. T.
THE NEED FOR HAND-BRAKES TO HOLD A TRAIN. 8p.
Order from SLA: $1.10 as TT-65-13786

Trans. of Vsesoyuznyi Nauchno-Issledovatelskii Institut Zheleznodorozhnogo Transporta. Vestnik (USSR) v23 n2 p39-41 1964.

TT-65-13787 Field 13F

Lekhno, I. B.
HOW THE RAILWAY TIE RESISTS DISLOCATION. 5p.
Order from SLA: $1.10 as TT-65-13787

Trans. of Vsesoyuznyi Nauchno-Issledovatelskii Institut Zheleznodorzhnogo Transporta. Vestnik (USSR) v23 n6 p42-4 1964.

TT-65-13788 Field 13F

Frishman, M. A.; Polevichenko, A. G.
ESTIMATING THE DYNAMIC INTERACTION BETWEEN THE RUNNING GEAR AND THE TRACK. 9p.
Order from SLA: $1.10 as TT-65-13788

Trans. of Vsesoyuznyi Nauchno-Issledovatelskii Institut Zheleznodorzhnogo Transporta. Vestnik (USSR) v23 n3 p3-8 1964.

TT-65-13789 Field 13F

Kudryavtsev, N. N.
CALCULATIN G THE PERTURBATION FUNCTIONS FOR A STUDY ON THE ROCKING OF RAILWAY CARS. 8p.
Order from SLA: $1.10 as TT-65-13789

Trans. of Vsesoyuznyi Nauchno-Issledovatelskii Institut Zheleznodorzhnogo Transporta. Vestnik (USSR) v23 n3 p9-13 1964.

TT-65-13791 Field 13F

Noskov, Yu. A.
MECHANIZED UNLOADIN G OF FROZEN BULK CARGO. 9p.
Order from SLA: $1.10 as TT-65-13791

Trans. of Vsesoyuznyi Nauchno-Issledovatelskii Institut Zheleznodorozhnogo Transporta. Vestnik (USSR) v23 n3 p42-6 1964.

TT-65-27604 Field 13F

Mamonov, V. F.
AUTOMOVILES DE LA CASA ROOTIES (Avtomobili Kompanii RUTS). 26p, 2refs. CID 65-724.
Order from ETC or CID: $1.60 as TT-65-27604

Trans. in Spanish of Avtomobilnaya Promyshlennost (USSR) v30 n4 p44-7 1964.

TT-65-27627 Field 13F

Korshev, K. S.
CONTAINERS AUTO - DESCARGABLES EN LA FABRICA DE AUTOMOVILES GORKI (Samorazgruzhayushchiesya Konteinery na Gorkovskom Avtozavode). 11p. CID 65-747.
Order from ETC or CID: $1.10 as TT-65-27627

Trans. in Spanish of Avtomobilnaya Promyshlennost (USSR) v30 n5 p1-2 1964.

TT-65-27628 Field 13F

Smurov, A. M.
INFLUENCIA DE LAS DIMENSIONES DE LA CORONA SOBRE LAS CARACTERISTICAS DE ESTAMPACION DE RUEDAS CONICAS DENTADAS (Vliyanie Zubchatogo Ventsa na Parametry Shtampovki Konicheskikh Shesteren s Zubyami). 10p. CID 65-748.
Order from ETC or CID: $1.10 as TT-65-27628

Trans. in Spanish of Avtomobilnaya Promyshlennost (USSR) v30 n3 p42-3 1964.

TT-65-27629 Field 13F

Maslov, P. I.
NUEVO PROCEDIMIENTO DE SUJECION DE LAS RUEDAS DENTADAS EN AFEITADORAS DE ENGRANAJES (Novyu Sposob Krepleniya Shesteren na Shevingovalnykh Stankakh). 5p. CID 65-749.
Order from ETC or CID: $1.10 as TT-65-27629

Trans. in Spanish of Avtomobilnaya Promyshlennost (USSR) n3 p42 1964.

TT-65-27630 Field 13F

Tsimbalin, V. B.
DETERMINACION DEL TIEMPO Y RECORRIDO DE ACELERACION DE UN AUTOMOVIL UTILIZANDO NOMOGRAMAS Y TABLAS NUMERICAS (Opredelenie Vremeni i Puti Razgona Avtomobilya po Nomogrammam i Tablitsam). 17p, 6refs. CID 65-750.
Order from ETC or CID: $1.60 as TT-65-27630

Trans. in Spanish of Avtomobilnaya Promyshlennost (USSR) v30 n2 p12-5 1964.

TT-65-29515 Field 13F

NOUVEAUX TYPES DE WAGONS ET DE VOITURES POUR LES CHEMINS DE FER DE L URESS.
FS-BDC-1965-BT/20.
Order from FS as FS-BDC 1965-BT/20

Trans. in French of Zheleznodorozhnyi Transport (USSR) v46 n12 1964.

TT-65-29516 Field 13F

Grishin, M. S.
LAUTOMATISATION DU CALCUL DU DEBIT DISPONIBLE DES LIGNES DE CHEMIN DE FER EN PLEINE VOIE. 12p. FS-BDC.
Order from FS as FS-BDC

Trans. in French of Vsesoyuznyi Nauchno-Issledovatelskii Institut Zheleneznodorozhnogo Transporta. Trudy (USSR) n3 p55-9 1964.

TT-65-32482 Field 13F

USSR INDUSTRIAL DEVELOPMENT: SOVIET AUTOMOTIVE INDUSTRY NO. 102. 14 Sep 65, 20p. JPRS-31988.

Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32482

Translations of 4 selected articles from 1965 issues of various Russian newspapers and periodicals.

TT-65-32628 Field 13F, 13J

SOVIET TRANSPORTATION: TRANSLATIONS NO. 92.
24 Sep 65, 87p. JPRS-32135.
Order from CFSTI or ETC: HC$3.00, MF$0.75
asTT-65-32628

Translations of selected articles from 1965 issues of various Russian newspapers.

TT-65-64066 Field 13F, 13C, 22D, 13J

SOVIET LITERATURE ON PROTECTIVE STRUCTURES AND COMPONENTS. Review of Soviet literature on Ground Support Equipment; quarterly rept. for 19 Mar-15 Jun 62.
16 Jul 62, 22p, 20refs. AID-62-101; AD-621 817.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-621 817

Review of materials received prior to 15 Jun 62.

G. Hydraulic and pneumatic equipment

TT-65-13773 Field 13G

Winter, H.
CONTRIBUTION TO THE HYDRAULIC BRANCHING PROBLEM. PT I (Beitrag zum Hydraulischen Verzweigungsproblem. 1). 23p (foreign text included) 5refs.
Order from SLA: $2.60 as TT-65-13773

Trans. of Oesterreichisches Ingenieur-Archiv (Austria) v9 n2/3 p239-49 1955.

TT-65-29159 Field 13G, 2C

Starosolszky, O.
AUTOMATIC EQUIPMENT FOR THE SUPPLY AND DISTRIBUTION OF IRRIGATION WATER. 22p.
Order from ETC: $2.60 as TT-65-29159

Trans. of Unidentified Hungarian language article, n.d. Another trans. in French is published in Houille Blanche (France) 1961, v. 16, no. 1, p66-80.

TT-65-63945 Field 13G

WHAT IS PNEUMONICS (PNEUMATIC AUTOMATION).
26 Aug 65, 5p. FTD-TT-65-731; AD-621 060.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-621 060

Unedited rough draft trans. of Ekonomicheskaya Gazeta (USSR) n37(162) p13 Sep 12 1964.

H. Industrial processes

NCH-201 356 Field 13H, 13J, 13C

Kawai, H.; Kawasaki, M.; Mitani, M.; Togo, K.; Uchikawa, H.
ONE-SIDE AUTOMATIC WELDING, AND HOW TO APPLY CONVEYOR METHODS FOR THE ASSEMBLY PROCESS IN SHIP CONSTRUCTION. 1965, 46p, 12refs. BSRA-2054.
Order from BSRA: L5 as BSRA-2054

Trans. of Zosen Kyokai Rombun Shu (Japan) n115 p175-94 1964.

NCH-202 093 Field 13H, 11F

Zimmermann, K. A.; Robert, S.
FINISHING (STRAIGHTENING) HEAVY SECTIONS.
19 Aug 65. BISI-4284.
Order from BISI: I7 10s as BISI-4284

Trans. of Stahl und Eisen (West Germany) v85 n8 p464-71 1965.

NCH-202 096 Field 13H, 14B

Comte, J.
TOWARDS THE BETTER INTERPRETATION OF ORE SINTERING TESTS. 19 Aug 65. BISI-4338.
Order from BISI: L4 10s as BISI-4338

Trans. of Revue Generale de Thermique, v4 p299-309 Mar 1965.

NCH-202 102 Field 13H

Nefedov, A. A.; Postolnik, Yu. S.
CALCULATION OF THE DURABILITY OF ROLLS WITH A CIRCULAR GROOVE. 26 Aug 65. BISI-3965.
Order from BISI: L5 10s as BISI-3965

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii Chernaya Metallurgiya (USSR) v6 n12 p118-25 1963.

NCH-202 104 Field 13H, 11F

Delille, J.
PICKLING WIRE WITH SODIUM HYDRIDE. 26 Aug 65. BISI-4192.
Order from BISI: L6 10s as BISI 4192

Trans. of Stahl und Eisen (West Germany) v84 n27 p1865-72 1964.

NCH-202 108 Field 13H, 13I

Richter, G.
STUDIES OF HAMMERING WITH AND WITHOUT UPSETTING OF INGOTS IN HEAVY HAMMER FORGING. 26 Aug 65. BISI-4360.
Order from BISI: L1 10s as BISI-4360

Trans. of Neue Huette (East Germany) v9 n9 p570 1964.

NCH-202 112 Field 13H, 11F

Bagnie, L.; Cinquergrana, M.
LARGE FORGED RINGS AND RIMS IN A HIGH YIELD STRENGTH STEEL. 26 Aug 65. BISI-4421.
Order from BISI: L6 as BISI-4421

Paper from International Forging Congress, Berlin, 9-11 Jun 65.

NCH-202 114 Field 13H

Shebalenkov, G. I.
APPLICATION OF ULTRASONIC VIBRATIONS TO THE REMOVAL OF SULFUR FROM LIQUID PIG IRON. Sep 65,

1800wds. HB-5820.
Order from HB: $6.50 as HB-5820

Trans. of Politekhnicheskii Institut, Leningrad. Trudy (USSR) n225 p143-8 1963.

NCH-202 118 Field 13H, 14B, 11F

Brand, L.
CONTINUOUS ULTRASONIC TESTING OF HOT ROLLED STRIP. Sep 65, 5400wds. HB-6546.
Order from HB: $14.70 as HB-6546

Trans. of Stahl und Eisen (West Germany) v85 n9 p519-26 1965.

NCH-202 120 Field 13H, 11F

Volovik, G. A.
SULFUR IN THE GAS PHASE OF THE BLAST FURNACE WHEN OPERATING ON FLUXED SINTER AND RAW ORE. Sep 65, 2600wds. HB-6495.
Order from HB: $7.80 as HB-6495

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii, Chernaya Metallurgiya (USSR) v8 n2 p29-35 1965.

NCH-202 125 Field 13H, 11F

Neumann, F.
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NCH-202 126 Field 13H

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NCH-202 172 Field 13H, 13I

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Order from BISI: L6 as BISI-4355

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NCH-202 178 Field 13H, 11F

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Order from BISI: L8 10s as BISI-3942

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Order from BISI: L5 as BISI-4243

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NCH-202 182 Field 13H, 11F

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WEIGHING AND RECORDING WHEN WORKING WITH THE SHAKING LADLE. 16 Sep 65. BISI-4265.
Order from BISI: L5 as BISI-4265

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NCH-202 183 Field 13H, 11F

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COMPARISON OF FORGING INGOTS POURED IN AIR AND IN VACUO. 16 Sep 65. BISI-4266.
Order from BISI: L10 10s as BISI-4266

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NCH-202 184 Field 13H, 11F

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SCOPE FOR AUTOMATIC FLAME CUTTING IN METALLURGICAL WORKS. 16 Sep 65. BISI-4273.
Order from BISI: 18 as BISI-4273

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Order from BISI: L4 as BISI-4331

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NCH-202 188 Field 13H, 11F

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REDUCING THE VOLUME OF RINSING WATER WHEN PICKLING WIRE IN HYDROCHLORIC ACID SOLUTION. 23 Sep 65. BISI-4191.
Order from BISI: L6 as BISI-4191

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NCH-202 190 Field 13H, 14B, 20C

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NCH-202 192 Field 13H, 14B, 11F

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Order from BISI: L10 as BISI-4275

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NCH-202 327 Field 13H, 11F

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Aug 65, 23p (foreign text included) 23refs. NLL-M.5748.
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NCH-202 328 Field 13H

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TT-65-27578 Field 13H

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DISPOSITIVO PARA LA SOLDADURA POR PRESION EN ERIO DE LOS CONDUCTORES DE CONTACTO DE CABRE (Agregat dlya Stukovoi Kholodnoi Svarki Mednykh Kontaktnykh Provodov). 9p, 2refs. CID: 65-698.
Order from ETC or CID: $1.10 as TT-65-27578

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-32092 Field 13H, 5A, 14A, 12B

Kharkevich, A. A.
DISCUSSION OF EFFICIENCY OF TECHNICAL DEVICES. 18 Aug 65, 11p. JPRS-31597.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as TT-65-32092

Trans. of Akademiya Nauk SSSR. Vestnik, v35 n6 p27-33 1965.

TT-65-32526 Field 13H

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ELECTROSLAG REMELTING. 16 Sep 65, 69p.
JPRS-32032.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-32526

Trans. of mono. Elektroshlakovii Pereplav, Kiev, 1965 p3-80.
Available copy will not permit fully legible reproduction.

TT-65-32771 Field 13H, 13I, 5A, 13M, 13B, 13C

COMMUNIST CHINA DIGEST NO. 156. 6 Oct 65, 113p.
JPRS-32281.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-65-32771

Contains abstracts or summaries concerning all major aspects of Chinese life.

TT-65-63334 Field 13H

Nefedov, A. S.
INTRODUCTION OF A SYSTEM OF DEFECTLESS MANUFACTURE IN INDUSTRIAL PRODUCTION.
10 Jun 65, 9p. FTD-TT-65-549; AD-620 098.
Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as AD-620 098

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TT-65-63349 Field 13H

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METHOD OF ELECTROSLAG WELDING WITH A PLATE ELECTRODE. 27 May 65, 5p. FTD-TT-65-485; AD-620 131.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-620 131

Unedited rough draft trans. of Patent (USSR) 160 785. Patent appl. no. 758478/25-8, 26 Feb 64.

TT-65-63831 Field 13H

Kazakov, N. F.; Krivoshei, A. V.; Sudenkov, E. G.
METHOD OF DIFFUSION BONDING IN A VACUUM.
13 Aug 65, 5p. FTD-TT-65-637; AD-620 774.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-620 774

Unedited rough draft trans. of Patent (USSR) 163 874. Patent appl. no. 796663/25-8, 29 Sep 62.

TT-65-63917 Field 13H, 13I, 9E

Kolodnii, L.
FROM EXPOSITION INTO THE WORKSHOP. 14 Sep 65, 8p. FTD-TT-65-1154; AD-620 976.

Order from CFSTI, SLA or ETC: HC$1.00, MF$0.50 as AD-620 976

Unedited rough draft trans. of Pravda, Moscow (USSR) 8 Jan p1 1963.

I. Machinery and tools

NCH-201 529 Field 13I

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Order from NLL: L8

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NCH-202 124 Field 13I

Maksimov, N. V.; Noga, N. A.
EFFECT OF THE GEOMETRY OF DEEP DRAWING DIES UPON THE DIE LIFE. Sep 65, 700wds. HB-6589.
Order from HB: $2.80 as HB-6589

Trans. of Kuznechno-Shtampovchnoe Proizvodstvo (USSR) v7 n3 p13-4 1965.

NCH-202 361 Field 13I

Linhart, V.
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TT-65-13759 Field 13I

Melnik, D. M.
ORGANIZING SNOW REMOVAL FROM STATIONS. 3p.
Order from SLA: $1.10 as TT-65-13759

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TT-65-32139 Field 13I

Ozaki, S.
THE TECHNICAL LEVEL OF CHINA'S MACHINE TOOL INDUSTRY. Communist China's Industry and Materials: Translations No. 72. 23 Aug 65, 47p. JPRS-31644.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32139

Contains translation of an articles inthe Nov 64 issue of the Japanese-language periodical, Chugoku Kenkyu Geppo.

TT-65-32473 Field 13I, 9C

EAST EUROPEAN HEAVY INDUSTRY: TRANSLATIONS NO. 238. 14 Sep 65, 33p. JPRS-31979.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32473

Translations of 5 selected articles from 1965 issues of Hungarian, Polish and Yugoslavian newspapers and periodicals.
Document contains halftone illustrations which are difficult to read in reprints.

TT-65-32502 Field 13I

USSR INDUSTRIAL DEVELOPMENT: SOVIET METAL-WORKING EQUIPMENT NO. 158. 15 Sep 65, 12p. JPRS-32008.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32502

Translations of 9 selected articles from 1965 issues of various Russian newspapers and periodicals.

TT-65-32531 Field 13I

USSR INDUSTRIAL DEVELOPMENT: GENERAL INFORMATION ON SOVIET MACHINERY INDUSTRIES NO. 91. 16 Sep 65, 10p. JPRS-32037.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32531

Translations of selected articles and news briefs from Aug 65 issues of the Russian newspaper, Kommunist.

TT-65-32584 Field 13I

USSR INDUSTRIAL DEVELOPMENT: GENERAL INFORMATION ON SOVIET MACHINERY INDUSTRIES NO. 92. 21 Sep 65, 29p. JPRS-32091.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32584

Contains translations of 6 selected articles from 1965 issues of various Russian newspapers.

TT-65-32602 Field 13I

USSR INDUSTRIAL DEVELOPMENT: SOVIET METAL-WORKING EQUIPMENT NO. 159. 22 Sep 65, 10p. JPRS-32109.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32602

Translations of selected articles and newsbriefs from 1965 issues of various Russian newspapers.

TT-65-32609 Field 13I, 14A

Matlin, A. M.
DYNAMICS OF COSTS, PROFITABILITY AND PRICE OF MACHINERY IN CONNECTION WITH TECHNICAL PROGRESS. 23 Sep 65, 13p. JPRS-32116.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32609

Trans. of Vestnik Mashinostroeniya (USSR) v45 n1 p69-74 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-32652 Field 13I, 11F, 9C

EAST EUROPEAN HEAVY INDUSTRY: TRANSLATIONS NO. 241. 27 Sep 65, 28p. JPRS-32159.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as

TT-65-32652

Contains selected translations of articles from 1965 issues of various Bulgarian, Czechoslovakian, and Yugoslavian newspapers and periodicals.

TT-65-62609 Field 13I

DEVICE FOR GRASPING A CYLINDER. 21 Jun 65, 7p (figs omitted).
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62609

Trans. of Patent (France) 1 362 624.
Patented by Anciens Etablissements Leon Guilbert and Fils, cl. B 25b, S.A., of France; appl. filed 24 Apr 63, granted 27 Apr 64.

TT-65-63091 Field 13I, 20K

Sokolov, Yu. A.
FRICTION BEARING. 23 Jul 65, 5p. FTD-TT-65-517; AD-619 468.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 468

Unedited rough draft trans. of Patent (USSR) 165 042. Patent appl. no. 850089/24-6, 27 Jul 63.

TT-65-63823 Field 13I

Minasyan, S.
PROBLEMS OF TECHNICAL PROGRESS IN MACHINE CONSTRUCTION OF THE REPUBLIC. 24 Aug 65, 13p. FTD-TT-65-438; AD-620 766.
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TT-65-63928 Field 13I

Yun-Tsyu, Shen.
EFFECT OF OPERATING CONDITIONS AND GAP SIZE IN THE CONNECTION OF PLASTIC AND METAL DETAILS ON THE MAGNITUDE OF THE FRICTION COEFFICIENT. 26 Aug 65, 9p. FTD-TT-65-737; AD-621 003.
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J. Marine engineering

NCH-202 213 Field 13J

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THE KORT NOZZLE RUDDER IN COASTAL SHIPPING. 5 Aug 65. BSRA-2140.
Order from BSRA: L5 as BSRA-2140

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NCH-202 214 Field 13J

Helm, G.
SYSTEMATIC (MODEL) INVESTIGATIONS ON THE RESISTANCE OF BOATS AND SMALL SHIPS. 5 Aug 65. BSRA-2141.
Order from BSRA: L5 as BSRA-2141

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NCH-202 215 Field 13J

Bischoff, E.; Heyer, H. G.
AN INVESTIGATION OF THE INFLUENCE OF STERN FORM ON THRUST DEDUCTION. 5 Aug 65. BSRA-2142.
Order from BSRA: L5 as BSRA-2142

Trans. of Schiff und Hafen (West Germany) v16 p1127ff 1964.

NCH-202 216 Field 13J

Abicht, W.
THE RELATIONSHIP BETWEEN FREEBOARD AND RIGHTING MOMENT. 5 Aug 65. BSRA-2143.
Order from BSRA: L5 as BSRA-2143

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NCH-202 218 Field 13J

Sandmann, F.
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Order from BSRA: L5 as BSRA-2145

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NCH-202 219 Field 13J, 9C

Eichhorn, H.
DIRECT CURRENT FOR ELECTRIC PROPELLER DRIVES, THE THEORY OF ITS RANGE OF ADAPTABILITY. 5 Aug 65. BSRA-2146.
Order from BSRA: L5 as BSRA-2146

Trans. of Schiffstechnik (West Germany) v11 p137ff 1964.

NCH-202 221 Field 13J

Horn, F.
DETERMINATION OF MEAN WAKE FROM PROPULSION AND OPEN-WATER TESTS. 5 Aug 65. BSRA-2148.
Order from BSRA: L5 as BSRA-2148

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NCH-202 222 Field 13J

Ulbricht, H.
CALCULATION OF THE NATURAL FREQUENCIES OF STAYED MASTS. 5 Aug 65. BSRA-2149.
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NCH-202 223 Field 13J, 9B

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MEANS OF THE ZRA 1 ELECTRONIC COMPUTER. 14 Sep 65. BSRA-2167.
Order from BSRA: L5 as BSRA-2167

Trans. of Schiffbautechnik (East Germany) v14 p456ff 1964.

NCH-202 224 Field 13J

Sugai, K.
ON VIBRATORY FORCES INDUCED ON THE RUDDER BEHIND A PROPELLER. 14 Sep 65. BSRA-2168.
Order from BSRA: L5 BSRA-2168

Trans. of Zosen Kyokai Rombun Shu (Japan) v30 n7 p33ff 1964.

NCH-202 227 Field 13J

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STRESSES IN THE ANCHOR CHAIN AND THE SELECTION OF AN ELECTRIC WINDLASS DRIVE. 14 Sep 65. BSRA-2171.
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Trans. of Sudostroenie (USSR) v26 n5 p18ff 1960.

NCH-202 228 Field 13J

Tiburtius, D.
ON THE DISSIPATION OF THE IMPACT ENERGY OF A SHIP. 14 Sep 65, BSRA-2172.
Order from BSRA: L5 as BSRA-2172

Trans. of Hansa (West Germany) n88 p1302ff 1951.

NCH-202 230 Field 13J, 13E

Schumacher, E.
THE ARTICULATED MOTOR-SHIP WITH ACTIVE ARTICULATING COUPLINGS. 14 Sep 65. BSRA-2175.
Order from BSRA: L5 as BSRA-2175

Trans. of Schiff und Hafen (West Germany) v13 p607ff 1961.

NCH-202 232 Field 13J

Kirsch, M.
FLOW AROUND BODIES IN SHALLOW WATER AND IN CHANNELS. 1965. BSRA-2178.
Order from BSRA: L5 as BRSA-2178

Trans. of Forschungskii Schiffstechnik, (West Germany) v12 p42 1965.

NCH-202 233 Field 13J

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THE MANEUVERING ABILITY OF SHIPS. 1965. BSRA-2179.
Order from BSRA: L5 as BSRA-2179

Trans. of Forschungshefte fuer Schiffstechnik (West Germany) v12 p11 1965.

NCH-202 344 Field 13J, 11C

Machidori, M.
ON THE REDUCTION OF THE PAINTING SCHEDULE FOR THE SHIP BOTTOM IN DOCK. 1965, 36p, 5refs. BSRA-2122.
Order from BSRA: L5 as BSRA-212

Trans. of Hitachi Zosen News (Japan) n24 p416ff 1963.

NCH-202 345 Field 13J, 21G, 9E

Piechota, A.; Stalinski, J.
TRENDS IN THE AUTOMATION OF SHIPS ENGINE ROOMS WITH SPECIAL REFERENCE TO REMOTE CONTROL OF THE MAIN DIESELS. 1965, 38p, 18refs. BSRA-2082.
Order from BSRA: L5 as BSRA-2082

Trans. of Budownictwo Okretowe (Poland) v9 n7 n8 n9 p246ff 1964.
Presented at the Conference of Shipping, held from the 1st to the 5th of Jun 64 at Varna.

NCH-202 346 Field 13J

Oda, M.; Kaziwara, Y.
STUDY OF DEFORMATION OF SHIP'S HULL DURING CONSTRUCTION. PART 2. 1965, 31p, 6refs. BSRA-2073.
Order from BSRA: L5 as BSRA-2073

Trans. of Zosen Kyokai Rombun Shu (Japan) n115 p195 1964.

NCH-202 347 Field 13J, 14B

Kan, M.; Hanaoka, T.
ANALYSIS FOR THE EFFECT OF SHALLOW WATER UPON TURNING. 1965, 13p, 10refs. BSRA-2068.
Order from BSRA: L5 as BSRA-2068

Trans. of Zosen Kyokai Rombun Shu (Japan) n115 p49ff 1964.

NCH-202 348 Field 13J, 21G, 21D

Motooka, T.
BURNING OF CRUDE OIL IN LARGE MARINE DIESEL ENGINES. 1965, 41p, 2refs. BSRA-2066.
Order from BSRA: L5 as BSRA-2066

Trans. of Mitsubishi Nippon Heavy-Industries. Technical Review (Japan) n1 p46ff 1964.

TT-65-13897 Field 13J, 21G

Strach, L.
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Order from SLA: $1.60 as TT-65-13897

Trans. of Verein Deutscher Ingenieure. Zeitschrift (West Germany) v106 n2 p57-9 1964.

TT-65-63986 Field 13J, 5C

Prieditis, K. H.
PORT OF CALL - RIGA. 30 Aug 65, 16p. ACSI-LN-303A.
Order from CFSTI, SLA or ETC: HC$1.60, MF$0.50 as TT-65-63986

Trans. of mono. Port Pripiski-Riga, Riga, 1961 p102-16, 120-1, 136, 140-1.

TT-65-64027 Field 13J, 21E, 21G

Yudovin, B. S.
MARINE COMBINATION INSTALLATIONS WITH BOOSTER ENGINES. Tr. by Alick de Montmorency. Jul 65, 244p, 98refs. BuShips-Trans-918; AD-621 682.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as AD-621 682

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K. Pumps, filters, pipes, fittings, tubing and valves

NCH-202 367 Field 13K

Sura, M.; Ratajczyk, F.
EXPERIMENTS IN THE PRODUCTION OF SELENIUM-CADMIUM FILTERS. 1965, 6p. ATS-71S86P.
Order from ATS: $11.40 as ATS-71S86P

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NCH-202 397 Field 13K

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Order from ATS: $12.25 as ATS-79S85R

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NCH-202 413 Field 13K

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SUSPENSION AND TRANSPORT OF GRANULAR MATERIALS IN A HORIZONTAL PIPELINE. 1965, 6p. ATS-87S86R.
Order from ATS: $8.45 as ATS-87S86R

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-61959 Field 13K

Citrini, D.
A CONTRIBUTION TO JET-PUMP DESIGN (Contribution al'Etude des Ejecteurs'ou Trompes Hydrauliques). Feb 65, 14p, 1ref. NASA-TT-F-9263; N65-17299.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-17299

Trans. of la Houille Blanche (France) v11 n6 p837-42 1956.

TT-65-63026 Field 13K, 11F, 13H, 13E

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TEXTBOOK ON PIPES AND TANKS. 1964, 215p. FTD-TT-64-1254; AD-619 422.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as AD-619 422

Unedited rough draft trans. of mono. Spravochnik na Truby i Ballony, Moscow, 1957 p5-176.
Available copy will not permit fully legible reproduction.

L. Safety engineering

NCH-202 288 Field 13L

Beltzig, K.; Becker, A.
PRODUCTION OF A FIRE-RETARDING, TUMESCENT AGENT. 5 Jul 65. TTIS-NS-430.
Order from TTIS: $8.00 as NS-430

Trans. of Patent (East Germany) 32 580.
Patent appl. 20 Apr 61; pub. 15 Nov 64.

NCH-202 339 Field 13L

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THE METHANE EMISSION OF A SEAM IN RELATION TO THE RATE OF FACE ADVANCE (Metanovydelenie iz Plasta Pri Razlichnoi Skorosti Podviganiya Ochistnogo Zaboya). Jul 65, 16p, 8refs. SMRE-Trans-5107.
Order from NLL

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NCH-202 340 Field 13L, 19D

Mitrofanow, V. V.; Solukhin, R. I.
DIFFRACTION OF A MULTIPLE-FRONT DETONATION WAVE (O Diffraktsii Mnogofrontovoj D Detonatsionnoj Volni). Aug 65, 9p. SMRE-Trans-5161.
Order from NLL

Trans. of Akademiya Nauk SSSR. Doklady, v159 n5 p1003-6 1964.

NCH-202 341 Field 13L

Solovev, P. M.
THE MINE RESCUE SERVICE IS ALWAYS ON GUARD (Gornospasateli Vsegda Nacheku). Tr. by L. Meyer. Aug 65, 5p. SMRE-Trans-5176.
Order from NLL

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TT-65-31918 Field 13L, 7A

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SUPPORT. 10p, 2refs. CNRS-VI-1253.
Order from ETC: $1.10 as TT-65-27910

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Also available from CNRS.

TT-65-63932 Field 14E

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28 May 65, 7p. FTD-TT-65-145; AD-621 007.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as
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5p. FTD-TT-65-730; AD-621 059.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Unedited rough draft trans. of Ekonomicheskaya
Gazeta (USSR) n32 (157) p42 1964.

15 MILITARY SCIENCES

TT-65-32501 Field 15-

SOVIET MILITARY TRANSLATIONS NO. 203. 15 Sep 65,
49p. JPRS-32007.
Order from CFSTI, SLA or ETC: HC$2.00, MF$0.50
as TT-65-32501

Translations of 8 selected articles from 1965 issues of
various Russian newspapers and periodicals.

TT-65-32776 Field 15-

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Translations no. 206. 6 Oct 65, 70p. JPRS-32286.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as
TT-65-32776

Consists of 10 selected articles from Aug 65 issue of the
Russian newspaper, Sovetskii Patriot.

C. Defense

TT-65-32360 Field 15C

MILITARY INFORMATION ON EASTERN EUROPE NO. 118.
3 Sep 65, 51p. JPRS-31866.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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Trans. of Sluzbeni List, Belgrade (Yugoslavia) v21 n32
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TT-65-32472 Field 15C, 15B, 15F

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Order from CFSTI or ETC: HC$2.00, MF$0.50
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Defense. 23 Sep 65, 28p. JPRS-32120.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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Order from CFSTI or ETC: HC$2.00, MF$0.50
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Contains translations of 8 selected articles from 1965
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TT-65-64025 Field 15C

UNITED STATES NATIONAL SECURITY. 15 Jun 56, 223p,
9refs. Army-Lib-SB-7; AD-621 644.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as
AD-621 644

Includes abstracts of articles from foreign publications.

D. Intelligence

TT-65-32759 Field 15D

MILITARY INFORMATION EAST EUROPE NO. 121.
5 Oct 65, 44p. JPRS-32269.
Order from CFSTI or ETC: HC$2.00, MF$0,50 as
TT-65-32759

Contains translations of 8 selected articles from Jun 65
issue of the Bulgarian periodical, Armeyski Pregled.

F. Nuclear warfare

TT-65-32337 Field 15F

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NUCLEAR WEAPONS - PHYSICAL FUNDAMENTALS.
2 Sep 65, 104p, 7refs. JPRS-31842.

Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-65-32337

Trans. of mono. Yadernoe Oruzhie (Fizicheskie Osnovy), Moscow, 1965 p3-112.

G. Operations, strategy, and tactics

TT-65-64061 Field 15G

Krylov, N.
STATEGIC MISSILES: MILITARY SURVEY. 27 Nov 63, 7p. AID-T-63-119b; AD-621 804.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-621 804

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TT-65-64130 Field 15G

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Available copy will not permit fully legible reproduction.

16 MISSILE TECHNOLOGY

D. Missiles

TT-65-63176 Field 16D, 22B, 1A

Kolton, G. A.
FLOW OF A RADIATING GAS IN THE NEIGHBORHOOD OF THE STAGNATION POINT OF A BLUNT BODY. 1965, 7p, 8refs.
Order from CFSTI or ETC: HC$1.10, MF$0.50
as TT-65-63176

Trans. of Leningrad Univ. Vestnik (USSR) v19 n13 p103-9 1964.

TT-65-63178 Field 16D, 22B, 1A

Matveev, S. K.
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Order from CFSTI or ETC: HC$1.10, MF$0.50
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Trans. of Leningrad Univ. Vestnik (USSR) v19 n13 p159-62 1964.

TT-65-63185 Field 16D, 22B, 1A

Panov, Iu. A.; Khudiakov, G. E.
INVESTIGATION OF THE BASE PRESSURE BEHIND AXISYMMETRIC BLUNT, LOW-ASPECT RATIO BODIES IN SUPERSONIC FLOW. 1965, 5p, 12refs.
Order from CFSTI or ETC: HC$1.10, MF$0.50
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TT-65-64060 Field 16D, 15C

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AID-T-63-119; AD-621 805.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as
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17 NAVIGATION, COMMUNICATIONS DETECTION AND COUNTERMEASURES

B. Communications

NCH-201 879 Field 17B, 9C

Muller, J.
NONLINEAR DISTORTION OF TELEVISION TRANSMISSION LINES. 1965, 16p. ATS-25S85G.
Order from ATS: $23.50 as ATS-25S85G

Trans. of Archiv der Elektrischen Unbertragung (West Germany) v11 n12 p485-94 1957.

TT-65-32481 Field 17B

USSR COMMUNICATIONS: TRANSLATIONS NO. 57. 14 Sep 65, 15p. JPRS-31987.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Translations of 4 selected articles from Aug/Jul 65 issues of various Russian newspapers.

TT-65-32643 Field 17B, 13B, 13F, 11L, 5C

EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 403. 27 Sep 65, 50p. JPRS-32150.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as
TT-65-32643

Contains translations 4 selected articles from 1965 issues of various German, Hungarian, Polish and Rumanian newspapers and periodicals.

TT-65-32653 Field 17B

THE PRAVDA EDITORIAL: TRANSLATION NO. 511. 27 Sep 65, 6p. JPRS-32160.

Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-32653

Trans. from Pravda, Moscow (USSR) 22 Sep p1 1965.

TT-65-63818 Field 17B, 9C

Shirman, Ya. D.
METHOD OF INCREASING RESOLVING POWER OF RADAR STATIONS AND A DEVICE FOR ITS ACCOMPLISHMENT. 9 Aug 65, 6p. FTD-TT-65-963; AD-620 761.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Unedited rough draft trans. of Patent (USSR) 146 803.
Patent appl. 26 Jul 56, as no. 461 977/40.

C. Direction finding

TT-65-63907 Field 17C

Kukes, I. S.; Starik, M. E.
PRINCIPLES OF RADIO DIRECTION FINDING (CHAPTERS 9, 10, AND 11). 6 Aug 65, 73p. FTD-MT-6558; AD-620 966.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as
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Available copy will not permit fully legible reproduction.

G. Navigation and guidance

TT-65-63102 Field 17G, 22C

Bazhinov, I. K.
METHOD OF SELF-CONTAINED NAVIGATION DURING FLIGHTS IN ORBITS NEAR PLANETS. 1 Jun 65, 16p. FTD-MT-65-148; AD-619 479.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Edited machine trans. of unidentified Russian article, 15p 1965.

TT-65-63184 Field 17G

Van Dan-Chi.
ON INERTIAL SYSTEMS WITHOUT STABILIZERS. 1965, 7p, 2refs.
Order from CFSTI or ETC: HC$1.10, MF$0.50
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Trans. of Moscow Univ. Vestnik. Seriya 1: Matematika, Mekhanika (USSR) v20 n3 p77-82 1965.

I. Radar detection

TT-65-63971 Field 17I, 4B

Gorelik, A. G.; Melnichuk, IU. V.; Chernikov, A. A.
THE STATISTICAL CHARACTERISTICS OF THE RADAR ECHO AS A FUNCTION OF THE DYNAMIC PROCESSES AND MICROSTRUCTURE OF THE METEOROLOGICAL ENTITY (Sviaz Statisticheskikh Kharakteristik Radiolokatsionnogo Signala s Dinamicheskimi Protsessami i Mikrostrukturoi Meteoobekta). Aug 65, 94p, 38refs. AmMetSoc T-R-479; AD-621 418.
Order from CFSTI or ETC: HC$3.00, MF$0.75
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Trans. of Tsentralnaya Aerologicheskaya Observatoriya. Trudy (USSR) n48 p3-54 1963.
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TT-65-63972 Field 17I, 4B

Chernikov, A. A.
RADAR STUDIES OF ECHOES FROM A CLEAR SKY (Radiolokatsionnye Issledovaniia Otrazhenii ot Iasnogo Neba). Jul 65, 65p, 35refs. AmMetSoc T-R-480; AD-621 419.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as AD-621 419

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Another trans. is available on loan from CFSTI in TT-65-60617, p56-97.
Contract AF19 628 3880.

TT-65-63975 Field 17I, 4B

Gorelik, A. G.; Smirnova, G. A.
THE RELATION OF THE LIQUID-WATER CONTENT AND INTENSITY OF PRECIPITATION TO THE RADAR REFLECTIVITY OF THE METEOROLOGICAL ENTITY WITH VARIOUS PARAMETERS OF THE DROP-SIZE DISTRIBUTION (O Sviazi Vodnosti i Intensivnosti Osadkov s Radiolokatsionnoi Otrazhaemostiu Meteoobekta pri Razlichnykh Parametrakh Raspredeleniya Kapel po Razmeram). Tr. by S. W. Kellogg. May 65, 13p, 4refs. AmMetSoc-T-R-481; AD-621 422.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of Tsentralnaya Aerologicheskaya Observatoriya. Trudy (USSR) n48 p98-105 1963.
Contract AF19 628 3880.
Another trans. is available from CFSTI or ETC HC$1.00, MF$0.50 as TT-65-30233, JPRS-28547, 12p.

18 NUCLEAR SCIENCE AND TECHNOLOGY

TT-65-63793 Field 18-

CONCISE ENCYCLOPEDIA ON ATOMIC ENERGY. 24 Jun 65, 7p. ACSI-I-6726.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as
TT-65-63793

Trans. of mono. Kratkaya Entsiklopediya Atomnoy Energii, p90, 295-7, 453-5 n.d.

A. Fusion devices (Thermonuclear)

TT-65-63874 Field 18A, 20I

Artsimovich, L. A.
INVESTIGATION OF CONTROLLED NUCLEAR FUSION

AND HIGH-TEMPERATURE PLASMA PHYSICS. 9 Aug 65, 26p. FTD-TT-65-961; AD-620 864.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as AD-620 864

Unedited rough draft trans. of Atomnaya Energiya (USSR) v17 n4 p269-78 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

B. Isotopes

TT-65-13609 Field 18B

Muzykantov, V. S.; Popovskii, V. V.; Boreshkov, G. K.
THE KINETICS OF ISOTOPE EXCHANGE IN A MOLECULAR OXYGEN-SOLID OXIDE SYSTEM. 9p, 8refs.
Order from SLA: $1.10 as TT-65-13609

Trans. of Kinetika i Kataliz (USSR) v5 n4 p624-9 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

C. Nuclear explosions

TT-65-32379 Field 18C

Gadary, Y.
FRENCH NUCLEAR PREPARATIONS IN THE PACIFIC. 7 Sep 65, 6p. JPRS-31885.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32379

Trans. of Aviation Magazine (France) n423 p38-9 1965.

D. Nuclear instrumentation

NCH-202 234 Field 18D

Gandy, A.
ABSOLUTE MEASUREMENT OF THE ACTIVITY OF RADIO NUCLIDES BY THE BETA-GAMMA COINCIDENCE METHOD USING HIGH EFFICIENCY DETECTORS-DEAD-TIME CORRECTIONS (Mesure Absolue de l'Activite des Radio-nuclides par la Methode des Coincidences Beta-Gamma a l'aide de Detecteurs de Grande Efficacite-Corrections de Temps Morts). Tr. by D. A. Sinclair. 1965, 21p, 11refs. NRC-TT-1198; NRC-C-5527.
Order from NRC: $1.50 as C-5527

Trans. of International Journal of Applied Radiation and Isotopes, v13 p501-13 1962.

I. Reactor engineering and operation

NCH-202 176 Field 18I, 13H

Broehl, W.
MATERIAL PROBLEMS IN THE CONSTRUCTION OF THE PRESSURE VESSEL, OF A WATERCOOLED NUCLEAR REACTOR. 9 Sep 65. BISI-4428.
Order from BISI: L6 10s as BISI-4428

Paper from International Forging Congress, Berlin 1965 Jun 9-11.

TT-65-13819 Field 18I

Emendoerfer, D.
THE INFLUENCE OF LARGE VOIDS ON THE NEUTRON DISTRIBUTION AND REACTIVITY IN NUCLEAR REACTORS (Der Einfluss Grosser Hohlraeume auf die Neutronenverteilung und Reaktivitaet in Kernreaktoren). 24p, 25refs.
Order from SLA: $2.60 as TT-65-13819

Trans. of Nukleonik (West Germany) v5 n3 p115-20 1963.

J. Reactor materials

TT-65-13595 Field 18J

Petzow, G.; Steeb, S.
THE QUASI-BINARY SYSTEM UMn2 - UAl2. 9p, 17refs.
Order from SLA: $1.10 as TT-65-13595

Trans. of Zeitschrift fuer Metallkunde (West Germany) v55 n8 p456-9 1964.

19 ORDNANCE

A. Ammunition, explosives, and pyrotechnics

NCH-202 290 Field 19A

Sonntag, D.
AN EXPLOSIVE CONTAINING WATER. 5 Jul 65. TTIS-NS-432.
Order from TTIS: $7.20 as NS-432

Trans. of Patent (East Germany) 34 615.
Patent application 2 Apr 62; Published 28 Dec 64.

D. Explosions, ballistics, and armor

TT-65-64117 Field 19D, 16A

Boylan, L.
SOCIET AEROBALLISTIC RANGES AND HYPER-VELOCITY RESEARCH: COMPREHENSIVE REPORT. 21 Sep 65, 71p. ATD-P-65-79; AD-622 195.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as AD-622 195

Consists of material pub. over the last seven years in Soviet Scientific periodicals, other pertiment serials, monographs, etc.
Rept. on Surveys of Communist World Scientific and Technical Literature.
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G. Rockets

TT-65-63816 Field 19G

Datsenko, V.; Mryakin, M.; Izmailov, I.
ROCKETS IN THE DEFENSE OF PEACE. 13 Aug 65, 9p

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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Unedited rough draft trans. of Ogonek (USSR) n25 p4-8 1965.

20 PHYSICS

TT-65-32566 Field 20-, 12A

USSR SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 42. 20 Sep 65, 188p. JPRS-32073.
Order from CFSTI or ETC: HC$5.00, MF$1.00 as TT-65-32566

Contains abstracts of articles from Russian scientific and technical journals.

TT-65-32772 Field 20-, 18-, 12A

USSR SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 43. 6 Oct 65, 208p. JPRS-32282.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as TT-65-32772

Contains abstracts of articles from Russian scientific and technical journals.

A. Acoustics

TT-65-13592 Field 20A

Leibfried, G.
ON THE INFLUENCE OF THERMIC EXCITED SOUND WAVES ON THE PLASTIC DEFORMATION. 22p, 10refs.
Order from SLA: $2.60 as TT-65-13592

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TT-65-62468 Field 20A, 4A

Krasilnikov, V.
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B. Crystallography

NCH-201 826 Field 20B, 14E

Pospelov, V. V.; Fridkin, V. M.
MECHANISM OF FORMATION OF THE PHOTOELECTRET STATE IN SINGLE CRYSTALS OF CERTAIN SILVER AND ALKALI METAL HALIDES. 1965, 6p. ATS-48S84R.
Order from ATS: $12.50 as ATS-48S84R

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NCH-202 235 Field 20B

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FLUORESCENCE AND ENERGY TRANSFER IN PHENANTHRENE CRYSTALS (Fluoreszenz und Energieubertragung in Phenanthren-Kristallen). Tr. by D. A. Sinclair. 1965, 17p. NRC-TT-1201; NRC-C-5522.
Order from NRC: $1.00 as C-5522

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Order from ATS: $8.65 as ATS-60S86R

Trans. of Rost Kristallov (USSR) v4 p74-80 1964.
Another translation is available from CFSTI or ETC HC$1.00, MF$0.50 as AD-613 984.

NCH-202 375 Field 20B

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GLASSY LIQUID CRYSTAL FILMS. 1965, 5p. ATS-59S86R.
Order from ATS: $6.25 as ATS-59S86R

Trans. of Rost Kristallov (USSR) v4 p68-73 1964.
Another translation is available from CFSTI or ETC HC$1.00, MF$0.50 as AD-613 398.

TT-65-61957 Field 20B

Adamesku, R. A.; Kalinin, V. M.; Kudryavtsev, I. P.
ON THE EFFECT OF ANNEALING IN A MAGNETIC FIELD ON THE MAGNETIC AND CRYSTAL STRUCTURE OF SILICON IRON (O Vliyanii Otzhiga V Magnitnom Pole Na Magnitnuyu I Kristallicheskuyu Strukturu Kremnistogo Zheleza). Mar 65, 12p. NASA-TT-F-9267; N65-17267.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-17267

Trans. of Izvestiya Vysshikh Uchenbnykh Zavedenii. Fizika (USSR) n5 p69-74 1964.

TT-65-63093 Field 20B

Chernov, A. A.
PROBLEMS OF CRYSTAL GROWTH. 23 Jul 65, 9p. FTD-TT-65-538; AD-619 470.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 470

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Another trans. is available from CFSTI HC$2.75 in TT-64-31690.

TT-65-63337 Field 20B, 7D

Glavatskii, D. E.; Kortnev, A. V.; Kutsenko, A. N.
CRYSTALLIZATION OF SOLUTIONS UNDER THE EFFECT OF A HIGH VOLTAGE PULSE DISCHARGE. 15 Jun 65, 7p, 8refs. FTD-TT-64-1177; AD-620 101.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-620 101

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TT-65-63951 Field 20B, 11F

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ON THE QUESTION OF ORIGINATION OF RECRYSTALLIZATION CENTERS. 25 Jun 65, 9p, 33refs. FTD-TT-65-10; AD-621 051.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-621 051

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C. Electricity and magnetism

TT-65-13862 Field 20C

Lucas, R.
THE DISTRIBUTION OF THE MASS OF POTENTIAL ELECTROSTATIC ENERGY. 2p, 1ref.
Order from SLA: $1.10 as TT-65-13862

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v259 n15 p2359-60 1964 pub. by Gauthier-Villars et Cie., Paris.

TT-65-27941 Field 20C

Takei, T.; Okamoto, S.
ETUDE SUR LES MATERIAUX MAGNETIQUES A OXYDES METALLIQUES. RAPPORT NO. 11, FERRITE DE SODIUM DE TYPE SPINELLE. 15p.
CNRS-XXVIII-144.
Order from ETC: $1.60 as TT-65-27941

Trans. in French of Rikagaku Kenkyujo Hokoku (Japan) v33 n2 p53-7 1957.
Another trans. is available in English from SLA $1.10 as TT-62-20484, 1962, 10p.
Also available from CNRS.

TT-65-29149 Field 20C

Kovalev, A. M.; Krasilnikov, V. N.
ELECTROMAGNETIC WAVE REFLECTION FROM MOVING SURFACES. 5p, 7refs.
Order from ETC: $1.10 as TT-65-29149

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TT-65-62740 Field 20C, 4B

Ivanov, K. G.
EFFECT OF ELECTRIC CURRENTS INDUCED IN THE EARTH, ON THE SIZE AND FORM OF MIDNIGHT SUDDEN COMMENCEMENTS OF MAGNETIC STORMS (Vliyanie Elektricheskikh Tokov, Indutsiruemykh v Zemle, na Formu i Velichinu Vnezapnykh Nachal Magnitnykh Bur). Tr. by Andre L. Brichant. 25 Jun 62, 5p, 6refs.
NASA-TT-F-8249; N65-22599.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-22599

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-62754 Field 20C, 4B

Mishin, V. M.; Kaydenova, N. Ya.; Shchukina, T. V.
ON THE ANNUAL COURSE OF FREQUENCY OF MAGNETIC STORM OCCURRENCE (O Godovom Khode Chastot Poyavleniya Magnitnykh Byr). 2 Jul 62, 10p. NASA-TT-F-8254; N65-22858.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-22858

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TT-65-63101 Field 20C, 14B

Veksler, M. S.
ELECTROSTATIC INSTRUMENTS (Elektrostaticheskie Pribory). 8 Jul 65, 82p, 30refs. FTD-MT-65-95; AD-619 478.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as AD-619 478

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TT-65-63353 Field 20C

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DEVICE FOR MEASURING THE INDUCTION OF A PERMANENT MAGNET. 4 Jun 65, 5p. FTD-TT-65-187; AD-620 155.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-620 155

Unedited rough draft trans. of Patent (USSR) 155 541. Patent appl. no. 758185/26-10, 2 Jan 62.

D. Fluid mechanics

NCH-201 850 Field 20D, 13G

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Order from ATS: $9.85 as ATS-30S85DU

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E. Masers and lasers

TT-65-32527 Field 20E, 14B

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TT-65-64062 Field 20E, 20F, 20L

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F. Optics

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TT-65-61747 Field 20H

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TT-65-61888 Field 20H, 3B

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CHARACTER OF THE SPACE-TIME DISTRIBUTION OF SOLAR COSMIC RAYS IN INTERPLANETARY SPACE (O Kharaktere Prostranstvenno-Vremennogo Raspredeleniya Solnechnykh Kosmicheskikh Luchey V Mezhplanetnom Prostranstve). 29 Dec 64, 9p.
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TT-65-61890 Field 20H, 4A

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TT-65-61910 Field 20H, 20I

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TT-65-61921 Field 20H

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TT-65-62757 Field 20H, 4B

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TT-65-62778 Field 20H, 4A

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TT-65-62784 Field 20H, 22B

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TT-65-63134 Field 20H, 20I

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MOTION OF INDIVIDUAL CHARGED PARTICLES IN A MAGNETIC FIELD WITH A HELICAL SYMMETRY. 27 Dec 63, 30p, 5refs. FTD-MT-63-163; AD-619 562. Order from CFSTI, SLA or ETC: HC$2.00, MF$0.50 as AD-619 562

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I. Plasma physics

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TT-65-61883 Field 20I

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TT-65-61898 Field 20I, 4B

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TT-65-61900 Field 20I, 20H

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TT-65-62728 Field 20I

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-22581

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TT-65-62731 Field 20I

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TT-65-62734 Field 20I, 22B

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TT-65-62751 Field 20I

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ON THE LINES OF FORCE OF A MAGNETIC FIELD (O Silovykh Liniyakh Magnitnogo Polya). July 1962, 9p. NASA-TT-F-8263; N65-22855.
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TT-65-62788 Field 20I

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TT-65-63038 Field 20I, 20K

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TT-65-63442 Field 20I, 10A

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MAGNETOHYDRODYNAMIC ELECTRICAL POWER GENERATION. 15 Jul 64, 19p.
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TT-65-63847 Field 20I

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TT-65-63857 Field 20I

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TT-65-63866 Field 20I

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TT-65-63868 Field 20I

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TT-65-63876 Field 20I

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METHOD OF OBTAINING A NEUTRALIZED ION BEAM FROM A PLASMA SOURCE WITH THE AID OF A HIGH FREQUENCY ELECTRIC FIELD. 19 Aug 65, 5p.
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J. Quantum theory

TT-65-63890 Field 20J, 20L

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THE METHOD OF GROUPS IN THE QUANTUM PHYSICS OF A SOLID BODY (POINT SYMMETRY) Metod Teorii Grupp v Kvantovoi Fizike Tverdogo Tela). Apr 65, 65p (refs omitted). TIL/T.5575.
Order from CFSTI or ETC: HC$6.60, MF$1.00 as TT-65-63890

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K. Solid mechanics

NCH-200 201 Field 20K

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TT-65-64071 Field 20L

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TT-65-62767 Field 20M

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N. Wave propagation

TT-65-61879 Field 20N, 4A

Katsenelenbaum, B. Z.
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For table of contents, see the 'Translated Tables of Contents' section of this issue.

TT-65-62752 Field 20N

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TT-65-63938 Field 20N, 12A

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21 PROPULSION AND FUELS

B. Combustion and ignition

NCH-201 497 Field 21B

Merzhanov, A. G.; Filonenko, A. K.
THE THERMAL SELF-IGNITION OF FLOWING HOMO-GENEOUS GAS MIXTURES. Tr. by L. Mote. 1965, 10p, 11refs. TRC-Trans-1107.
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Trans. of Akademiya Nauk SSSR, Doklady, v152 n1 p143-6 1963.

TT-65-62747 Field 21B

Aslanov, S. K.; Kurzhunov, V. V.
THE VIBRATION MECHANISM OF A GASEOUS MIXTURE

COMBUSTION (Mekhanizm Vibratsionnogo Rezhima Goreniya Gazovykh Smesei). Apr 65, 7p, 5refs. NASA-TT-F-9347; N65-22623.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-22623

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-63509 Field 21B, 7B

Derman, B. M.
FURTHER STUDIES OF CHEMICAL ASPECTS OF THE REACTION BETWEEN CARBON AND WATER VAPOUR. Tr. by P. A. Kazakov. 1965, 7p (foreign text included) 4refs. CSIRO-Trans-7285.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-63509

Trans. of Akademiya Nauk SSSR. Institut Goryuchikh Iskopaemykh. Trudy. v19 p160-3 1962.

TT-65-63653 Field 21B, 7D

Yantovskii, S. A.
TWO STAGE COMBUSTION OF EXPLOSIVE MIXTURES. THE INTENSITY OF THE FIRST AND SECOND STAGES OF IGNITION OF n-HEPTANE WITH AIR AT PRESSURES ABOVE ATMOSPHERIC (Dvukhstadiinoe Sgoranie Vzryvnykh Smesei). Tr. by J. W. Palmer. Apr 65, 17p, 19refs. RAE-Lib-Trans-1105.
Order from CFSTI or ETC: HC$1.60, MF$0.50 as TT-65-63653

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-64034 Field 21B

Demidov, P. G.
COMBUSTION AND PROPERTIES OF COMBUSTIBLE SUBSTANCE. 27 Aug 65, 376p, 66refs. FTD-MT-64-381; AD-621 738.
Order from CFSTI or ETC: HC$7.00, MF$1.75 as AD-621 738

Edited machine trans. of mono. Gorenie i Svoistva Goryuchikh Veshchestv, Moscow, 1962 p1-264.

D. Fuels

NCH-202 174 Field 21D

Stuchlik, V.
DETERMINATION OF THE BASIC PHYSICAL-MECHANICAL PROPERTIES OF BLAST FURNACE COKE ON ROUTE FROM COKE WHARF TO THE BLAST FURNACE SKIP. 9 Sep 65. BISI-4374.
Order from BISI: L5 10s as BISI-4374

Trans. of Koks, Smola, Gaz (Poland) v9 n3 p81-5 1964.

NCH-202 391 Field 21D

Tanatarov, M. A.; Levinter, M. E.
THE MECHANISM OF COKE FORMATION. 1965, 5p. ATS-83S86R.
Order from ATS: $8.00 as ATS-83S86R

Trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) v10 n1 p29-32 1965.

NCH-202 403 Field 21D

Shirasaki, T.; Okada, M.; Chino, S.; Morikawa, K.
RAPID DIFFERENTIAL THERMAL ANALYSIS OF COKE DEPOSITED ON SOLID CATALYSTS. 1965, 7p. ATS-36S86J.
Order from ATS: $11.75 as ATS-36S86J

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TT-65-13667 Field 21D

Davydov, P. I.; Bolshakov, G. F.; Glebovskaya, E. A.
EFFECT OF NITROGEN BASES ON THE STABILITY OF FUELS AT ELEVATED TEMPERATURES (Issledovanie Vliyaniya Azotistykh Osnovanii na Stabilnost Topliv pri Povyshennykh Temperaturakh). 20p (foreign text included) 7refs.
Order from SLA: $1.60 as TT-65-13667

Trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) v7 n10 p20-6 1962.
Other trans. are available from CFSTI or ETC $0.80 as TT-63-26583, 14p, and from ATS $9.65 as ATS-37Q68R, 8p.

TT-65-64067 Field 21D, 7C

Chertkov, Ya. B.; Leontev, B. I.; Shchagin, V. M.; Sazonov, A. E.; Savinov, B. G.
SEDIMENT FORMATION IN JET FUELS, FURTHER STUDIES. 23 Apr 62, 6p. AID-62-51; AD-621 818.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-621 818

Trans. of Zhurnal Prikladnoi Khimii v v35 n2 p394-7, 398-404 1962.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.
Electron Microscope Investigation of Transformations during Heating of Sulfur Compounds in Fuels of the Middle Distillation Range obtained from Volga Crudes. Study of the Structure of Oxygen- and Nitrogen Containing Compounds of the Ligroin-Kerosene Fraction of Crude Oil by the Method og IR Absorption Spectra.

TT-65-64068 Field 21D, 7C

DESTRUCTIVE HYDROGENATION OF AROMATIC HYDROCARBONS. 18 Apr 62, 15p. AID-62-49; AD-621 819.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-621 819

Abstract trans. of selected articles from Akademiya Nauk SSSR. Vostochno-Sibirskii Filial, Irkutsk. Trudy, n38 153p 1961.
Available copy will not permit fully legible reproduction.

TT-65-64072 Field 21D, 7C

ANALYSIS OF DATA ON T-5 FUEL. Rept. no. 2. 4 Dec 61, 18p, 17refs. AID-61-157; AD-621 874. Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-621 874

TT-65-64073 Field 21D

PHENOL AND AMINE ADDITIVES TO INHIBIT SEDIMENT FORMATION IN GAS TURBINE AIRCRAFT FUELS. 23 Jan 62, 7p, 3refs. AID-62-11; AD-621 875. Available on loan from CFSTI as TT-65-64073

Review of study by a Soviet research organization. Document is not reproducible and is available from the Clearinghouse on loan only.

TT-65-64075 Field 21D, 7C

HYDROGENATED TARS AS PROBABLE SOURCES OF T-5 FUEL. 14 Dec 61, 4p, 2refs. AID-61-165; AD-621 882. Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-621 882

TT-65-64076 Field 21D

THERMAL STABILITY OF JET FUELS (BIBLIOGRAPHY). 28 Sep 61, 9p. AID-61-165a; AD-621 883. Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-621 883

Consists of a selective bibliography and critical evaluation of materials examined in a preliminary scanning of open Soviet literature during 3d quarter 61.

E. Jet and gas turbine engines

NCH-200 088 Field 21E

Vladimirov, I. A.
THE THERMAL FATIGUE RESISTANCE OF GAS-TURBINE COMPONENTS. 1965, 8p (foreign text included). NLL-M.5328. Order from NLL as M.5328

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NCH-200 681 Field 21E

Korzh, P. I.
INVESTIGATION OF NON-STEADY STATE OPERATING CONDITIONS OF A COOLED DISC ROTOR IN A GAS TURBINE (Issedovanie Nestatsionarnovo Rezhima Raboti Oklazhdaemovo Diskovo Rotora Gazovoi Turbini). 1965, 13p (foreign text included) 6refs. TP/T-3667. Order from NLL

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NCH-200 683 Field 21E

Kalmens, V. Ya.
THE INFLUENCE OF THE SHRINKING-ON OF DISCS AND COLLARS ON THE DEFLECTION AND CRITICAL SPEED OF A TURBINE ROTOR (Vliyanie-Posadki Diskov i Vtulok na Izgib i Kriticheskayu Skorost Turbinnogo Rotora). 1965, 11p (foreign text included). TP/T-3619. Order from NLL

Trans. of Energomashinostroenie (USSR) v10 n4 p28-30 1964.

NCH-201 333 Field 21E

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CHARACTERISTICS OF TURBINE STAGES WITH A WIDE RANGE OF VARIATION OF U/Co. 1965, 12p, 8refs. CE-Trans-3661. Order from NLL

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NCH-201 349 Field 21E, 1A

Zarjankin, A. E.; Mikhnenkov, L. V.
THE LOSSES AT SUDDEN EXPANSION OF FLOW (Ooraschete Poter Pri Vnezapnom Rasshipenii Potaka). May 65, 12p, 2refs. TIL/T.5598. Order from NLL

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii, Aviatsionnaya Tekhnika (USSR) v7 n3 p50-7 1964.

NCH-201 949 Field 21E, 11F

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INVESTIGATING EROSION OF REINFORCED BLADES (Issledovanie Erozii Uprochnennykh Lopatok). 29 Jun 65, 13p (foreign text included) 8refs. TP/T-3705. Order from NLL

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NCH-202 015 Field 21E

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TT-65-27579 Field 21E

Tretyakov, P. G.
EN TORNO AL CALENTAMIENTO DEL CUERPO DE UNA TURBINA (O Raschete Progreva Korpusa Turbini). 13p, 2refs. CID: 65-699. Order from ETC or CID: $1.60 as TT-65-27579

Trans. in Spanish of Teploenergetika (USSR) n4 p60-2 1964. See also 'Translated Abstracted Publications, in TT Vol. 14, No. 8.

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INDUSTRIAL AERODYNAMICS, NO. 24, 1962: SELECTED ARTICLES. 8 Jul 65, 39p, 4refs. FTD-MT-64-438; AD-619 474.
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TT-65-63116 Field 21E

Bidulya, B. P.
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Gubarev, A. V.; Li Tsai-Hsiu.; Molchanov, E. I.; Plotkin, E. R.
ON THE EFFECT OF IRREGULARITY OF FLOW CHARACTERISTICS OF LATTICES (AND) DISTRIBUTION OF TEMPERATURE IN THE ZONE OF THE ROOT JOINT OF A COOLED BLADE OF A GAS TURBINE. 25 Mar 64, 22p, 5refs. FTD-MT-63-202; AD-619 521; N64-26729.
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TT-65-63128 Field 21E

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TT-65-63829 Field 21E

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STUDYING THE NONSTATIONAY MODE OF OPERATION OF A COOLED GAS TURBINE DISK ROTOR. 13 Aug 65, 14p, 6refs. FTD-TT-65-677; AD-620 772.
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TT-65-63850 Field 21E

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TT-65-64053 Field 21E, 7C

SOME CURRENT INFORMATION ON PROBLEMS PERTINENT TO JET FUELS. 21 Nov 62, 6p. AID-62-193; AD-621 812.
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G. Reciprocating engines

NCH-202 225 Field 21G, 13J

Petrova, O. V.
ACOUSTIC CALCULATIONS FOR THE EXHAUST SYSTEM OF A MARINE INTERNAL COMBUSTION ENGINE. 14 Sep 65. BSRA-2169.
Order from BSRA: L5 as BSRA-2169

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TT-65-13733 Field 21G

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Order from SLA: $1.60 as TT-65-13733

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H. Rocket motors and engines

TT-65-63814 Field 21H

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TT-65-63843 Field 21H

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I. Rocket propellants

TT-65-64065 Field 21I

FURTHER DATA ON T-5 FUEL. 23 Nov 62, 4p, 4refs.
AID-62-192; AD-621 816.
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TT-65-64077 Field 21I, 21D, 11H

ALIPHATIC PRIMARY AMINES AS ANTIOXIDANT AND SEDIMENT DISPERSING ADDITIVES TO T-1 FUEL. 29 Dec 61, 7p, 2refs. AID-61-173; AD-621 884.
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TT-65-64078 Field 21I, 11H

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22 SPACE TECHNOLOGY

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INVESTIGATION OF SPACE VEHICLE MOTION IN THE ATMOSPHERE. May 65, 26p. NASA-TT-F-9329; N65-23673.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as N65-23673

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TT-65-64057 Field 22A, 6S

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B. Spacecraft

TT-65-62781 Field 22B, 6R

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MEASUREMENT OF THE ABSORBED DOSE ON THE THIRD SPACESHIP-SATELLITE (Izmerenie Pogloshchennoi Dozy na Tretem Kosmicheskom Korable-Sputnike). Tr. by Andre L. Brichant. 30 Sep 62, 7p, 4refs. NASA-TT-F-8281; N65-23907.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-23907

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C. Spacecraft trajectories and reentry

NCH-201 911 Field 22C

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TT-65-62763 Field 22C

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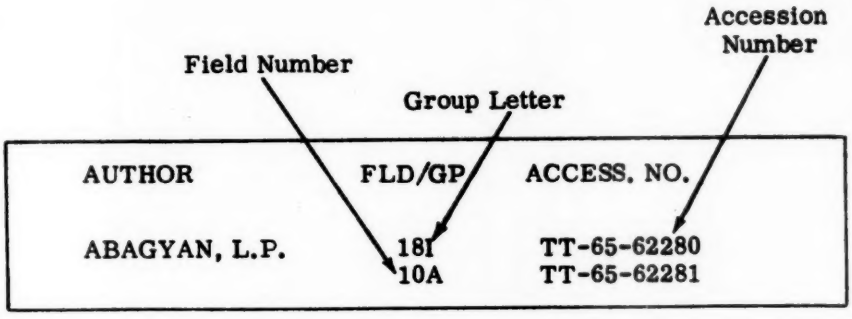

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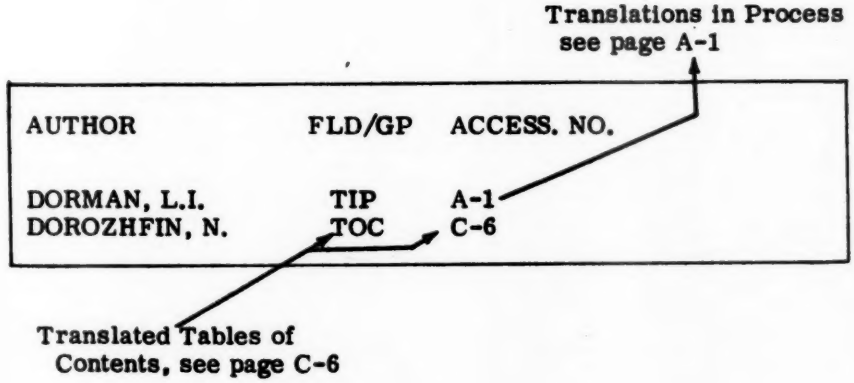

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GNUNI, V. TS.	20K	TT-65-63697
GOGOLEVA, E. I.	4B	NCH-201 145
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JANTULA, A.	11B	TT-65-29527
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JAYME, G.	11L	TT-65-63439
JESENAK, V.	11B	TT-65-29527
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JUNG, J.	7A	TT-65-13878
KABALKINA, N. A.	6C	TT-65-63228
KABANOV, B. N.	7D	TT-65-27918
KABIEV, T.	11F	NCH-202 368
KABLUCHKO, N. I.	7C	TT-65-28336
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KADARSAN, S.	6C	TT-65-63155
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KALIKU, M. A.	7A	NCH-202 386
KALIN, R.	6P	TT-65-13238
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KASSAHN, H. G.	7C	TT-65-13552
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KOSTANYAN, K. A.	11B	TT-65-27623
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KRASNOSHAPKA, N. G.	1C	TT-65-63786
KRATKO, M. I.	9D	TT-65-63036
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KRAVTSOV, I. M.	11F	NCH-201 870
KREIMERMAN, G. I.	11F	NCH-202 324
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LOGINOV, V.	5I	TT-65-64058
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SHEN YUN-TSYU	13I	TT-65-63928
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N4 P426 1957	8K	TT-65-13795
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N8 P1016 1956	7A	TT-65-27586
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V34 N9 P71 SEL PG 19	11E	TT-65-63082
V35 N6 P127 1965	5A	TT-65-31772
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V8 N11 P689 1964	12A	TT-65-62478
V9 N1 P15 1965	11F	NCH-201 830
V9 N3 P164 1965	11F	TT-65-63895
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V66 N15 P435 1954	7C	TT-65-63403
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V62 N2 P30 1941	6E	TT-65-62910
ARKHIV PATOLOGII (USSR)		
V26 N7 P18 1964	6E	NCH-202 043
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V39 N1 P158 1962	3B	TT-65-62732
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V48 N7 P33 1965	4B	TT-65-32574
AVTOMATICHESKAYA SVARKA (USSR)		
N11 P5 1958	13H	NCH-202 327
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V14 N6 P712 1953	9C	TT-65-13811
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N4 P79 1955	6C	TT-65-63982
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V27 N4 P291 1963	6M	TT-65-28372
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V103 N1 P37 1964	6P	TT-65-13746
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V47 N8 P1197 1962	6C	TT-65-27144
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V93 N9 P2087 1960	7D	TT-65-13550
V94 N3 P761 1961	7D	TT-65-13548
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V14 N4 P194 1962	7A	TT-65-13805
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V7 N3/4 P179 1953	7C	TT-65-13844
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N3 P3 1963	2A	TT-64-51581
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V12 N1 P100 1964	6C	TT-65-63670
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V10 N4 P1 1964 21E NCH-201 333
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N2 P39 1961	9E	TT-65-63956
INZHENERNO-FIZICHESKII ZHURNAL (USSR)		
V7 N1 P3 1964	21E	TT-65-63872
V7 N10 P62 1964	13K	NCH-202 413
V7 N11 P55 1964	7D	TT-65-63902
V7 N8 P124 1964	21B	TT-65-62747
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V4 N1 P127 1964	20D	TT-65-63854
V4 N3 P566 1964	20K	TT-65-61907
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IZVESTIYA VYSSHIKH UCHENBNYKH ZAVEDENII. FIZIKA (USSR)		
N1 P21 1963	11C	TT-65-63040
N2 P178 1963	7D	TT-65-63323
N3 P23 1963	20L	TT-65-27940
N5 P34 1964	11F	TT-65-62771
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N6 P91 1963	8E	TT-65-62435
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V5 N2 P29 1962	7D	TT-65-28361
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N3 P35 1964	20K	TT-65-63906
N3 P82 1963	13I	TT-65-63928
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. PISHCHEVAYA TEKHNOLOGIYA (USSR)		
N2 P47 1963	6H	NCH-201 494
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N11 P3 1958	11F	TT-65-29156
N2 P58 1963	11F	TT-65-29505
N3 P12 1962	11F	TT-65-29528
N4 P123 1962	21E	TT-65-63128
N4 P3 1962	1C	TT-65-63131
N4 P79 1962	20K	TT-65-63130
N4 P91 1962	12A	TT-65-63129
N5 P119 1964	11F	TT-65-13770
N5 P5 1962	11F	TT-65-29528
V5 N12 P75 1962	11F	TT-65-28122
V6 N12 P118 1963	13H	NCH-202 102
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V6 N4 P76 1963	11F	TT-65-28123
V6 N5 P57 1963	7A	NCH-200 133
V6 N7 P5 1963	11F	TT-65-29529
V6 N8 P57 1963	11F	TT-65-28131
V6 N9 P181 1963	11F	TT-65-29520
V7 N10 P137 1964	11F	TT-65-29522
V7 N12 P33 1964	11F	NCH-202 141
V7 N3 P50 1964	21E	NCH-201 349
V7 N4 P106 1964	20M	TT-65-62773
V7 N4 P124 1964	11F	TT-65-62774
V7 N4 P23 1964	11F	NCH-202 131
V7 N8 P84 1964	11F	TT-65-29530
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V8 N1 P99 1965	11F	NCH-202 320
V8 N2 P29 1965	13H	NCH-202 120
V8 N3 P77 1965	11F	NCH-202 325
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KAZANSKII MEDITSINSKII ZHURNAL (USSR) V44 N3 P63 1963	6E	NCH-200 215
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N11 P42 1962	7A	TT-65-63515
N11 P50 1962	7A	TT-65-63638
N11 P823 1963	7A	NCH-202 100
N2 P130 1964	7C	TT-65-28335
N3 P185 1961	7D	NCH-202 275
N3 P20 1964	11I	TT-65-63828
N4 P241 1964	7A	TT-65-27597
N5 P332 1964	7D	TT-65-13885
N5 P360 1962	7D	NCH-202 274
N5 P395 1960	7D	TT-65-26409
N5 P413 1959	7A	TT-65-26407
N6 P422 1964	7D	TT-65-13886
N7 P602 1959	7D	TT-65-26410
N8 P553 1961	7A	TT-65-26411
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N8 P652 1960	7A	TT-65-26408
V41 N5 P384 1965	7C	NCH-201 866
KHIMICHESKIE VOLOKNA (USSR)		
N3 P15 1964	11E	TT-65-63942
N5 P40 1963	11E	NCH-202 208
KHIMIYA I KHIMICHESKAYA TEKHNOLOGIYA (USSR) V6 N2 P233 1963	7D	TT-65-63759
KHIMIYA I TEKHNOLOGIYA TOPLIV I MASEL (USSR)		
V10 N1 P29 1965	21D	NCH-202 391
V6 N11 P64 1961	11H	TT-65-13666
V7 N10 P20 1962	21D	TT-65-13667
V9 N3 P36 1964	7A	TT-65-63319
V9 N4 P66 1964	7A	TT-65-27618
KHLEBOPEKARNAYA I KONDITERSKAYA PROMYSHLENNOST (USSR)		
V8 N7 P12 1964	6H	NCH-200 578
V9 N4 P15 1965	6H	NCH-202 087
KHOLODILNAYA TEKHNIKA (USSR)		
N1 P1 1960	7A	TT-65-27587
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N4 P37 1964	13A	TT-65-27589
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N2 1963 104P	4A	TT-65-63609
KINETIKA I KATALIZ (USSR)		
V5 N3 P399 1964	21B	TT-65-63653
V5 N4 P624 1964	18B	TT-65-13609
KINOFOTOKHIMICHESKAYA PROMYSHLENNOST (USSR)		
V5 N8 P46 1937	14E	TT-65-26504
V6 N11-12 P52 1940	14E	TT-65-26472
KINOMEKHANIK (USSR) N3 P38 1960	14E	TT-65-26425
KLINICHESKAYA MEDITSINA (USSR)		
V18 P117 1940	6T	TT-65-63454
V35 P21 1957	6D	TT-65-63142
V39 N3 P12 1961	6M	TT-65-13343
KOBUNSHI KAGAKU (JAPAN)		
V16 N168 P247 1959	11E	NCH-200 517
V21 N236 P729 1964	11E	TT-65-13875
V22 N237 P1 1965	7C	TT-65-13873
V22 N237 P64 1965	11I	NCH-201 821
V22 N239 P186 1965	11I	NCH-201 825
KOGYO KAGAKU ZASSHI (JAPAN)		
V53 N2 P69 1950	7C	TT-65-13806
V54 N6 P391 1951	11H	TT-65-13858
V63 N5 P734 1960	7C	NCH-200 946
V66 P662 1963	14E	TT-65-27910
V67 N11 P1710 1964	7A	TT-65-62765
V67 N12 P2163 1964	7A	NCH-201 869
V67 N7 P1026 1964	7C	TT-65-13685
V67 N9 P1473 1964	7C	TT-65-13684
V67 N9 P1476 1964	7C	TT-65-13683
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V180 P11 1962	7D	NCH-202 248
V189 N1 P14 1963	7D	NCH-202 244
V190 P1 1963	11I	NCH-202 246
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KUNSTSTOFFE (WEST GERMANY) V51 N11 P712 1961	20L	TT-65-13739
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N3 P50 1962	11C	TT-65-63317
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N13 P133 1964	22C	TT-65-62972
V15 N16 P3 1960	7C	NCH-202 398
V15 N3 P102 1960	7C	NCH-202 398
V18 N1 P86 1963	1A	TT-65-63894
V19 N1 P165 1964	14B	NCH-202 321
V19 N13 P103 1964	16D	TT-65-63176
V19 N13 P159 1964	16D	TT-65-63178
V19 N13 P162 1964	1A	TT-65-63196
V19 N24 P158 1964	8F	TT-65-63411
V19 N6 P161 1964	8F	TT-65-63409
V20 N4 P115 1965	7D	NCH-201 827
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REPT N156 P188 1942	1A	TT-65-13775
LITEINOE PROIZVODSTVO (USSR) N1 P1 1964	11F	TT-65-27561
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N1 P7 1964	11F	TT-65-27562
N11 P80 1962	11F	NCH-200 070
N2 P12 1964	11F	TT-65-27570
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N3 P34 1964	11F	TT-65-27571
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N4 P33 1964	11F	TT-65-27568
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LUFTFAHRTFORSCHUNG (GERMANY) V13 N10 P31 1936	1C	TT-65-13777
MAGYAR ALLATORVOSOK LAPJA (HUNGARY) V20 N6 P241 1965	2E	TT-65-32670
MAGYAR KEMIKUSOK LAPJA (HUNGARY) V18 N10 P461 1963	7C	TT-65-27909
MAGYAR TUDOMANYOS AKADEMIA MATEMATIKAI KUTATO INTEZETENEK KOZLEMENYEI (HUNGARY) V5 P383 1960	9B	TT-65-64093
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V76 P183 1964	7D	TT-65-13863
V76 P190 1964	7D	TT-65-13864
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V30 N11 P30 1964	7B	TT-65-13727
V30 N6 P13 1964	6H	NCH-200 577
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640 243	7A	TT-65-13878
643 909	7C	TT-65-13720
645 618	7A	TT-65-13741
646 636	11E	TT-65-13695
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652 106	7A	NCH-202 448
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30 311	11I	NCH-202 284
30 316	11H	NCH-202 285
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32 522	7A	NCH-202 287
32 580	13L	NCH-202 288
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34 615	19A	NCH-202 290
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1 331 135	11I	NCH-202 260
1 337 324	11J	NCH-202 252
1 337 325	11J	NCH-202 253
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1 342 529	11F	TT-65-13884
1 362 624	13I	TT-65-62609
1 371 067	11C	NCH-202 292
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1 154 455	7A	NCH-202 257
1 183 344	11C	NCH-202 293
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111 349	20D	NCH-201 850
286 744	7A	NCH-202 450
43 220	6N	TT-65-63468
64 01 117	11E	TT-65-13712
64 08 884	11A	NCH-202 449
64 10 530	11E	TT-65-13851
64 10 656	11E	TT-65-13694
64 12 869	11E	TT-65-13713
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45 546	7C	NCH-202 294
46 051	7C	NCH-202 295
47 840	11C	NCH-202 296
48 293	7C	NCH-201 871
48 304	11K	NCH-201 872
48 328	11A	NCH-202 298
48 587	11H	NCH-202 299
48 710	8I	NCH-202 300
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257 968	13C	NCH-202 265
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138 029	7A	TT-65-13850
140 059	7C	TT-65-13882
140 060	7C	TT-65-13880
143 800	7C	TT-65-13879
146 803	17B	TT-65-63818
148 117	20L	TT-65-64071
150 329	11H	TT-65-13846
151 744	11A	TT-65-13881
154 066	4A	TT-65-63921
155 541	20C	TT-65-63353
155 813	11F	TT-65-63321
159 492	7A	TT-65-63825
160 785	13H	TT-65-63349
161 351	9D	TT-65-63934
161 559	11F	TT-65-63841
161 574	9A	TT-65-63839
162 246	9C	TT-65-63838
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164 512	21H	TT-65-63843
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SHTAMPOVKA LISTOVOGO METALLA VZRYVOM, MOSCOW 1964 175P	TIP	A-1
SHU HSUEH CHIN CHAN (CHINESE PEOPLE'S REPUBLIC) V8 N1 P105 1965	5A	TT-65-32374
SILIKATY (CZECHOSLOVAKIA) V1 P322 1957	11C	TT-65-13825
SISTEMA KOMAND I PROGRAMMIROVANIE DLYA BESM-2, LENINGRAD 1964 342P	TIP	A-1
SLUZBENI LIST, BELGRADE (YUGOSLAVIA) V21 N32 P1213 1965	15C	TT-65-32360
SOLNECHNYE DANNYE (USSR) N11 P71 1963	4B	TT-65-64104
SOVERSHENSTVOVANIE KUZNECHNO-SHTAMPOVOCHNOGO PROIZVODSTVA, MOSCOW 1963 216P	TIP	A-1
SOVETSKAYA GEOLOGIYA (USSR) V7 N6 P144 1964	8I	NCH-202 408
SOVETSKAYA MEDITSINA (USSR) N6 P12 1944	6E	TT-65-63450
V21 P85 1957	6D	TT-65-63143
V8 N6 P9 1944	6E	TT-65-63455
SOVETSKII PATRIOT (USSR) P4 1964	20N	TT-65-63946
SOVETSKOE FOTO (USSR) V24 N1 P38 1964	14E	TT-65-13822
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SPRAVOCHNIK NA TRUBY I BALLONY, MOSCOW 1957 P5	13K	TT-65-63026
STAHL UND EISEN (WEST GERMANY) V82 P1028 1962	11F	NCH-202 181
V84 N16 P1013 1964	11F	NCH-202 143
V84 N27 P1865 1964	13H	NCH-202 104
V84 P1437 1964	11F	NCH-202 189
V84 P1853 1964	13H	NCH-202 188
V85 N13 P785 1965	11H	NCH-202 147
V85 N6 P297 1965	13H	NCH-202 180
V85 N8 P456 1965	11F	NCH-202 198
V85 N8 P464 1965	13H	NCH-202 093
V85 N8 P472 1965	11F	NCH-202 175
V85 N9 P519 1965	13H	NCH-202 118
V85 P526 1965	13H	NCH-202 193
STAL (USSR) V24 N7 P584 1964	11F	TT-65-28124
V24 N7 P587 1964	11F	TT-65-28125
V24 N7 P597 1964	11F	TT-65-28126
V24 N7 P599 1964	11F	TT-65-28127
V24 N7 P607 1964	11F	TT-65-28128
V24 N7 P615 1964	11F	TT-65-28129
V24 N7 P667 1964	11F	TT-65-28130
STALEPLAVILNOE PROIZVODSTVO, V1 MOSCOW 1964 P494	13H	NCH-202 169
STANINY I KORPUSNYE DETALI METALLOREZHUSHCHIKH STANKOV (RASCHET I KONSTRUIROVANIE) MOSCOW 1960 399P	13I	NCH-201 529
STANKI I INSTRUMENT (USSR) V35 N1 P24 1964	13A	TT-65-27602
V35 N1 P37 1964	13A	TT-65-27601
V35 N3 P42 1964	13A	TT-65-27596
V35 N9 P13 1964	9C	TT-65-27574
V35 N9 P16 1964	13A	TT-65-27575
V35 N9 P19 1964	13A	TT-65-27576
V35 N9 P27 1964	13A	TT-65-27577
V35 N9 P6 1964	13A	TT-65-27573
STEKLO I KERAMIKA (USSR) V21 N4 P14 1964	11B	TT-65-27624
V21 N4 P36 1964	11B	TT-65-27625
V21 N4 P5 1964	11B	TT-65-27623
V21 N5 P15 1964	11B	TT-65-27621
V21 N5 P7 1964	11B	TT-65-27622
V21 N6 P5 1964	11B	TT-65-27620
V21 N6 P9 1964	11B	TT-65-27619
STIINTA SI TEHNICA (RUMANIA) V16 N11 P12 1964	9A	TT-65-30366
V17 N8 P7 1965	5A	TT-65-32604
STROJIRENSTVI (CZECHOSLOVAKIA) V15 N4 P260 1965	13I	NCH-202 361
SUDOSTROENIE (USSR) V26 N5 P18FF 1960	13J	NCH-202 227
V30 N7 P33FF 1964	21G	NCH-202 225
SUDOVE KOMBINIROVANNE USTANOVKI S FORSAZHNYMI DVIGATELIAMI N.P. N.D.	13J	TT-65-64027
SVENSK PAPPERS-TIDNING V68 N7 P230 1965	11L	TT-65-13895
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SZKLO I CERAMIKA (POLAND) V14 N1 P1 1963	13K	NCH-202 367
V14 N10 P261 1963	11B	TT-65-27912
V15 N4 P87 1964	11B	TT-65-27913
TABAK (USSR) V25 N1 P38 1964	6C	NCH-202 035
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TEKHNIKA MOLODEZHI (USSR)		
V31 N9 P3 1963	22C	TT-65-63916
TEKHNIKA V SELSKOM KHOZYAISTVE (USSR)		
V20 N5 P74 1960	2C	TT-65-63551
TEMPERATUR, BERLIN		
1938	8J	TT-65-64135
TEPLOENERGETIKA (USSR)		
N3 P58 1964	13A	TT-65-27580
N4 P60 1964	21E	TT-65-27579
N6 P7 1964	13A	TT-65-27581
V10 N5 P91 1963	21E	TT-65-63116
V10 N6 P16 1963	11F	NCH-202 333
V10 N6 P46 SEL PG 19	21E	TT-65-63117
V11 N3 P23 1964	13A	TT-65-63528
TEPLOFIZIKA VYSOKIKH TEMPERATUR (USSR)		
V2 N1 P130 1964	11B	TT-65-62472
V2 N4 P525 1964	20I	TT-65-63847
TERAPEVTICHESKII ARKHIV (USSR)		
V18 P595 1940	6E	TT-65-63789
TERMOSTOIKOST ZHAROPROCHNYKH SPLAVOV, SBORNIK, STATEI, MOSCOW		
1962 P86	21E	NCH-200 088
TETSU TO HAGANE (JAPAN)		
V49 N10 P1468 1963	11F	NCH-202 133
V50 N12 P2095 1964	11F	NCH-202 099
V50 N12 P2099 1964	11F	NCH-202 098
TIEN SHIH CHIEH (CHINESE PEOPLE'S REPUBLIC)		
V16 N8/11 P325 1963	2D	TT-65-63981
TRAKTORY I SELKHOZMASHINY (USSR)		
V32 N12 1962	2C	TT-65-63552
V34 N1 P11 1964	2C	TT-65-63520
V34 N1 P18 1964	13A	TT-65-27614
V34 N1 P23 1964	13A	TT-65-27613
V34 N1 P28 1964	13A	TT-65-27612
V34 N1 P38 1964	13A	TT-65-27611
V34 N1 P41 1964	11F	TT-65-27610
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TRANSPORTNOE STROITELSTVO (USSR)		
V3 N2 P15 1963	13H	TT-65-63808
TSEMENT (USSR)		
V25 N3 P27 1959	7A	TT-65-63522
TSENTRALNAYA AEROLOGICHESKAYA OBSERVATORIYA. TRUDY (USSR)		
N36 P53 1961	4B	NCH-202 204
N48 P3 1963	17I	TT-65-63971
N48 P56 1963	17I	TT-65-63972
N48 P98 1963	17I	TT-65-63975
TSENTRALNYI INSTITUT PROGNOZOV. TRUDY (USSR)		
V137 P151 1964	4B	NCH-200 668
TSIFROVYE USTROYSTVA DLYA AVTOMATICHESKOGO KONTROLYA, IZMERENIYA I UPRAVLENIYA, LENINGRAD		
1964 374P	TIP	A-1
TSIFROVYE VYCHISLITELNYE MASHINY, MOSCOW		
1961 P386	9B	TT-65-63405
TSVETNYE METALLY (USSR)		
V38 N5 P53 1965	11F	NCH-202 870
V38 N6 P45 1965	11F	NCH-202 409
V38 N6 P49 1965	11F	NCH-202 400
V38 N6 P54 1965	11F	NCH-202 392
V38 N7 P76 1965	11F	NCH-202 116
TULAREMIA INFECTION, MOSCOW		
1943 SEL PG	6E	TT-65-63451
UGESKRIFT FOR LAEGER (DENMARK)		
V126 N8 P248 1964	6O	TT-65-13366
UKRAINSKII KHIMICHESKII ZHURNAL (USSR)		
V30 N2 P220 1964	11F	NCH-202 323
V30 P1318 1964	11E	NCH-202 338
UKRAINSKII MATEMATICHESKII ZHURNAL (USSR)		
V14 N1 P109 1962	12A	TT-65-13679
UKRAYINSKYI BOTANICHNYI ZHURNAL (USSR)		
V21 N2 P95 1964	6C	NCH-202 033
UKRAYINSKYI FIZYCHNYI ZHURNAL (USSR)		
V7 N10 P1125 1962	11F	TT-65-63977
V7 N2 P205 1962	20M	TT-65-63976
V9 N7 P733 SEL PG 19	20L	TT-65-63930
V9 N9 P1023 1964	20I	TT-65-63866
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NP ND	20K	TT-65-61912
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NP ND	6C	TT-65-27162
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NP ND	4B	TT-65-62482
15P 1965	17G	TT-65-63102
1947 N2 P67	6C	TT-65-28323
1955	6C	TT-65-27170
UNIDENTIFIED RUSSIAN LANGUAGE ARTICLE N.D.		
NP ND	8H	TT-65-27148
	6C	TT-65-29155
UNIDENTIFIED RUSSIAN LANGUAGE MONO., MOSCOW		
1939	6C	TT-65-27175
1963	6C	TT-65-27145
UNIDENTIFIED SERBO-CROAT LANGUAGE ARTICLE		
1964	6C	TT-65-27152
UNIDENTIFIED STANDARD, N. D.		
NP ND	13F	TT-65-13754
UNIDENTIFIED UKRAINIAN LANGUAGE ARTICLE		
NP ND	6M	TT-65-29509
UNPUBLISHED DOCTORAL THESIS		
1954	20L	TT-65-13758
UPRAVLENIE KOSMICHESKIM LETATELNYM APPARATOM, MOSCOW		
1964	22C	TT-65-62763
USPEKHI FIZICHESKIKH NAUK (SSSR)		
V60 N4 P617 1956	20J	TT-65-63890
USPEKHI KHIMII (USSR)		
V34 N4 P630 1965	7C	NCH-202 427
USPEKHI SOVREMENNOI BIOLOGII (USSR)		
V29 N3 P370 1950	6C	TT-65-63605
UZBEKSKII KHIMICHESKII ZHURNAL (USSR)		
V8 N3 P54 1964	11E	TT-65-63998
VEREIN DEUTSCHER INGENIEURE. ZEITSCHRIFT (WEST GERMANY)		
V106 N2 P57 1964	13J	TT-65-13897
VESTNIK SELSKOKHOZYAISTVENNOI NAUKI (USSR)		
N3 P59 1962	2D	TT-65-29157
VESTNIK MASHINOSTROENIYA (USSR)		
V45 N1 P69 1965	13I	TT-65-32609
VESTNIK VYSSHEI SHKOLY (USSR)		
V23 N6 SEL PG 1965	5I	TT-65-32330
VETERINARIYA (USSR)		
V41 N1 P78 1964	6R	TT-65-63263
V42 N6 P118 1965	2E	TT-65-32504
VETERINARNYI INSTITUT, LENINGRAD. SBORNIK RABOT (USSR)		
V15 P133 1955	6C	NCH-202 007
VIDE. TECHNIQUE, APPLICATIONS (FRANCE)		
V18 N103 P55 1963	7D	TT-65-62760
VISNYK SILSKOHOSPODARSKOI NAUKI (USSR)		
V3 N8 P79 1960	2C	TT-65-27172
VOENNYE ZNANIYA (USSR)		
V40 N12 P3 1964	22C	TT-65-63849
V41 N7 P15 1965	15C	TT-65-32472
VOPROSY BEZOPASNOSTI V UGOLNYKH SHAKHTAKH (USSR)		
V4 P3 1964	13L	NCH-202 339
VOPROSY EKONOMIKI (USSR)		
N6 P31 SEL PG 1965	5C	TT-65-32626
VOPROSY ISTORII KPSS (USSR)		
N9 P29 1965	5C	TT-65-32767
VOPROSY MEDITSINKOI KHIMII (USSR)		
V10 N3 P311 1964	6A	TT-65-63052
V3 P36 1957	6O	TT-65-63172
VOPROSY RADIONALIZATSII RABOTY DOMENNYKH PECEI, MOSCOW		
1960 P115	11F	TT-65-29525
VOPROSY VIRUSOLOGII (USSR)		
V9 N3 P291 1964	6M	TT-65-63160
VSESOYUZNOE MINERALOFICHESKOE OBSHCHESTVO. ZAPISKI (USSR)		
V89 N6 P714 1960	8G	TT-65-63991
VSESOYUZNOE KHIMICHESKOE OBSHCHESTVO ZHURNAL (USSR)		
V7 N3 P111 1962	11I	TT-65-26542
V7 N4 P362 1962	6C	NCH-201 890
V9 N1 P117 1964	7C	NCH-201 839
VSESOYUZNOE SOVESHCHANIE ISTORIKOV, VSESOYUZNOE SOVESHCHANIE O MERAKH ULUCHSHENIYA PODGOTOVKI NAUCHNO-PEDAGOGICHESKIKH KADROV PO ISTORICHESKIM NAUKAM, 18-21 DEKABRYA 1962 GODA, MOSCOW		
1964 P518	5D	TT-64-51382
VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT ZHELEZNODORZHNOGO TRANSPORTA. VESTNIK (USSR)		
V23 N3 P3 1964	13F	TT-65-13788
V23 N3 P42 1964	13F	TT-65-13791
V23 N3 P9 1964	13F	TT-65-13789
V23 N6 P37 1964	11F	TT-65-13790
V23 N6 P42 1964	13F	TT-65-13787
VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDROTEKHNIKI. IZVESTIYA (USSR)		
V64 P67 1964	8G	TT-64-27275
VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT MYASNOI PROMYSHLENNOSTI. TRUDY (USSR)		
V12 P128 1962	6H	NCH-200 236
VSESOYUZNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT MYASNOI PROMYSHLENNOSTI. TRUDY TRANSPORTA. VESTNIK (USSR)		
N3 P55 1964	13F	TT-65-29516
V15 P84 1963	6H	NCH-200 180
V23 N2 P39 1964	13F	TT-65-13786
VYSHKA (USSR)		
P2 1965	8I	TT-65-32528
	11F	TT-65-32530
VYSOKOMOLEKULYARNYE SOEDINENIYA (USSR)		
V2 N1 P153 1960	11I	TT-65-26439
V2 N12 P1854 1960	11I	TT-65-26427
V2 N3 P427 1960	11I	TT-65-26440
V2 N5 P770 1960	11I	TT-65-26453
V2 N5 P791 1960	11I	TT-65-26438
V2 N6 P838 1960	11I	TT-65-26445
V2 N6 P845 1960	11I	TT-65-26444
V2 N6 P875 1960	11I	TT-65-26443
V2 N6 P931 1960	11I	TT-65-26446
V4 N10 P1520 1962	11I	TT-65-27917
V4 N10 P1584 1962	11I	TT-65-28343
V4 N11 P1625 1962	11I	TT-65-28344
V4 N4 P528 1962	11I	TT-65-62466
V4 N5 P683 1962	11I	TT-65-26532
V4 N6 P935 1962	11I	NCH-201 832
V4 N9 P1404 1962	7D	TT-65-26518
V4 N9 P1419 1962	7D	TT-65-26486
V4 N9 P1431 1962	11I	TT-65-28345
V5 N10 P1543 1963	11I	TT-65-26554
V6 N4 SEL PG 1964	11I	TT-65-63913
V6 N5 P832 1964	11I	TT-65-63924
V7 N4 P650 1965	11I	NCH-202 429
V7 N5 P795 1965	11I	NCH-201 865
V7 N5 P933 1965	11I	NCH-202 369
WERKSTATTSTECHNIK (WEST GERMANY)		
V53 N11 P561 1963	13H	NCH-202 172
WIENER TIERARZTLICHE MONATSSCHRIFT (AUSTRIA)		
V48 N6 P348 1961	6H	TT-65-13106
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WU LI HSUEH PAO (CHINESE PEOPLE'S REPUBLIC)		
V17 N9 SEL PG 1961	11F	TT-65-63909
V18 N12 P629 1962	20N	TT-65-63938
YADERNOE ORUZHIE (FIZICHESKIE OSNOVY), MOSCOW		
1965 P3	15F	TT-65-32337
YOGYO KYOKAISHI (JAPAN)		
V52 P267 1944	11B	TT-65-13772
V72 N5 P71 1964	11B	TT-65-13751
YUKI GOSEI KAGAKU KYOKAISHI (JAPAN)		
V22 N5 P394 1964	7A	TT-65-13828
V22 P138 1964	7C	TT-65-13740
YUKI GOSEI KAGAKU KYOKAI SHI (JAPAN)		
V23 N2 P99 1965	7C	NCH-202 372
ZASHCHITA RASTENII OT VREDITELEI I BOLEZNEI (USSR)		
V9 N10 P35 1964	2A	TT-65-63215
ZAVODSKAYA LABORATORIYA (USSR)		
V27 N12 P1486 1961	11F	NCH-200 130
V28 N10 P1203 1962	7D	TT-65-28338
V29 N10 P1175 1963	7B	TT-65-13689
V29 N7 P791 1963	11F	NCH-200 113
V30 N10 P1254 1964	20K	NCH-200 581
V30 N11 P1371 1964	11F	NCH-200 539
V30 N3 P364 1964	11I	TT-65-63910
V31 N7 P790 1965	11F	NCH-202 138
V31 N7 P806 1965	11F	NCH-202 134
V31 N7 P899 1965	11F	NCH-202 127
V31 N8 P1009 1965	11F	NCH-202 123
ZEITSCHRIFT FUER ASTROPHYSIK (WEST GERMANY)		
V102 P432 1940	11F	NCH-202 438
V15B N5 P332 1960	7C	TT-65-13545
V15B N9 P547 1960	7C	TT-65-13552
V15B N9 P621 1960	7D	TT-65-13551
V15B N9 P622 1960	7D	TT-65-13588
V167 N4 P269 1959	7B	TT-65-13707
V19A N2 P181 1964	20B	NCH-202 235
V38 N3 P166 1955	3B	TT-65-13701
V38 P14 1955	3B	NCH-201 895
V46 N1 P26 1958	3B	TT-65-13703
V48 N2 P140 1959	3B	TT-65-13706
V48 N3 P203 1959	3B	TT-65-13705
V55 N12 P737 1964	11F	NCH-202 436
V55 N8 P456 1964	18J	TT-65-13595
V64 N1 P44 1960	7D	TT-65-13810
V64 N7 P945 1960	7D	TT-65-13549
V64 P258 1960	7D	TT-65-61920
ZEITSCHRIFT FUER PHYSIKALISCHE CHEMIE, FRANKFURT (WEST GERMANY)		
V42 N5/6 P329 1964	7D	TT-65-13756
ZEITSCHRIFT FUER PHYSIKALISCHE CHEMIE, LEIPZIG (GERMANY)		
V67 P212 1909	7D	NCH-202 239
ZEITSCHRIFT FUER ANGEWANDT MATHEMATIK UND MECHANIK (GERMANY)		
V43 N4/5 P149 1963	12A	TT-65-62762
ZEITSCHRIFT FUER CHEMIE (EAST GERMANY)		
V4 N4 P121 1964	14B	NCH-201 883
	14B	NCH-201 883
ZEITSCHRIFT FUER HAUT UND GESCHLECHTSKRANKHEITEN (WEST GERMANY)		
V34 N2 P25 1963	6E	TT-65-13243
V34 N6 P153 1963	6E	TT-65-13242
ZEITSCHRIFT FUER PHYSIK (WEST GERMANY)		
V127 N4 P344 1950	20A	TT-65-13592
ZEMENT-KALK-GIPS (WEST GERMANY)		
V18(54) N4 P157 1965	13C	NCH-202 097
ZENTRALBLATT FUER VETERINAERMEDIZIN (GERMANY)		
V8 N3 P201 1961	6M	TT-65-13355
ZHELEZNODOROZHNYI TRANSPORT (USSR)		
V46 N10 P27 1964	13F	TT-65-13766
V46 N10 P59 1964	13F	TT-65-13764
V46 N10 P71 1964	13F	TT-65-13765
V46 N11 P31 1964	11F	TT-65-13761
V46 N11 P44 1964	13B	TT-65-13763
V46 N11 P82 1964	13F	TT-65-13762
V46 N12 P23 1964	13I	TT-65-13759
V46 N12 P35 1964	13F	TT-65-13760
V46 N12 1964	13F	TT-65-29515
V46 N7 P45 1964	13F	TT-65-13769
V46 N8 P69 1964	13F	TT-65-13768
V46 N9 P65 1964	13F	TT-65-13767
ZHIVOTNOVODSTVO (USSR)		
V19 N3 P37 1957	6C	TT-65-63206
ZHURNAL ANALITICHESKOI KHIMII (USSR)		
V19 N7 P821 1964	7D	TT-65-62483
ZHURNAL EKSPERIMENTALNOI I TEORETICHESKOI FIZIKI (USSR)		
V34 N2 P512 1958	20I	TT-65-13849
V42 N3 P833 1962	20I	TT-65-62728
V43 N1 P347 1962	20E	TT-65-64062
V47 N8 P667 1964	20I	TT-65-61900
1930-63	20E	TT-65-64121
ZHURNAL FIZICHESKOI KHIMII (USSR)		
V17 N3 P172 1943	20M	TT-64-27273
V2 N6 P799 1931	7D	TT-65-63514
V22 N4 P513 1948	7D	TT-65-27918
V23 N10 P1247 1949	7D	TT-65-28351
V28 N3 P473 1954	7D	TT-65-27603
V35 N6 P1235 1961	7D	TT-65-29153
V36 N10 P2244 1962	11F	NCH-200 164
V37 N12 P2721 1963	11F	NCH-202 046
V38 N1 P16 1964	7D	TT-65-28337
V39 N4 P855 1965	11F	NCH-202 329
V39 P762 1965	7D	NCH-201 831
ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOBIOLOGII (USSR)		
N3 P59 1942	6M	TT-65-62967
N6 P3 1947	6M	TT-65-62995
N6 P35 1947	6M	TT-65-62996
N6 P7680 1943	6M	TT-65-63242
V42 N1 P37 1965	6M	TT-65-13367
V9 P20 1954	6M	TT-65-63437
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NCMHI-56-1674	6D	TT-65-63048
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NCMHI-57-1595	6D	TT-65-63143
NCMHI-57-1612	6E	TT-65-63787
NEL-TRANS-1082	11F	NCH-202 362
NEL-TRANS-1714	13I	NCH-202 361
NIAE-TRANS-170	2C	NCH-201 991
NIH-1-10-65	6A	TT-65-63080
NIH-1-18-65	6A	TT-65-63052
NIH-12-37-64	6C	TT-65-63982
NIH-2-22-57	6M	TT-65-63437
NIH-3-12-65	6M	TT-65-63160
NIH-3-15-65	6M	TT-65-63167
NIH-3-26-65	6C	TT-65-63168
NIH-4-23-65	6C	TT-65-63155
NIH-4-45-64	6C	TT-65-63987
NIH-5-46-64	6C	TT-65-63990
NIH-5-8-65	6C	TT-65-63152
NIH-6-5-65	6A	TT-65-63207
NIH-6-5-65	6C	TT-65-63206
NIH-7-32-64	6C	TT-65-63985
NIH-8-34-64	6C	TT-65-63999
NIH-8-36-64	6C	TT-65-63988
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NIOT-77	8C	NCH-200 627
NIOT-81	6C	NCH-202 063
NLL-M.5017	11F	NCH-200 130
NLL-M.5018	11F	NCH-200 131
NLL-M.5019	11F	NCH-200 101
NLL-M.5053	13A	NCH-202 201
NLL-M.5082	4B	NCH-202 207
NLL-M.5196	11F	NCH-202 205
NLL-M.5201	11F	NCH-200 164
NLL-M.5285	6C	NCH-200 177
NLL-M.5302	4B	NCH-200 153
NLL-M.5328	21E	NCH-200 088
NLL-M.5386	11F	NCH-200 070
NLL-M.5420	11F	NCH-200 113
NLL-M.5532	11E	NCH-202 208
NLL-M.5570	6H	NCH-200 180
NLL-M.5595	6H	NCH-200 175
NLL-M.5596	6H	NCH-200 633
NLL-M.5599	6H	NCH-200 577
NLL-M.5600	6H	NCH-200 578
NLL-M.5601	8G	NCH-200 097
NLL-M.5603	11F	NCH-200 135
NLL-M.5618	11F	NCH-200 132
NLL-M.5619	7A	NCH-200 133
NLL-M.5620	11F	NCH-200 134
NLL-M.5625	20K	NCH-200 581
NLL-M.5633	11F	NCH-200 539
NLL-M.5646	6H	NCH-200 521
NLL-M.5648	4B	NCH-201 323
NLL-M.5650	6A	NCH-200 502
NLL-M.5669	4B	NCH-201 302
NLL-M.5688	4A	NCH-201 311
NLL-M.5690	8G	NCH-201 512
NLL-M.5704	11F	NCH-201 523
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NLL-M.5741	8G	NCH-202 334
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NLL-M.5743	11F	NCH-202 332
NLL-M.5745	11F	NCH-202 330
NLL-M.5746	11F	NCH-202 329
NLL-M.5747	13H	NCH-202 328
NLL-M.5748	13H	NCH-202 327
NLL-M.5749	11F	NCH-202 326
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NLL-M.5751	11F	NCH-202 324
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NLL-M.5769	11F	NCH-202 306
NLL-M.6223	7C	NCH-202 206
NLL-TRANS-F.72	4B	NCH-200 668
NLL-TRANS-T-1702	11E	NCH-200 517
NLL-TRANS-343(M)	4B	NCH-201 160
NOD-TRANS-185	8H	TT-65-63051
NOD-TRANS-228	8C	TT-65-63050
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NRC-C-5381	7C	NCH-201 892
NRC-C-5389	11F	NCH-201 896
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NRC-C-5475	6C	NCH-201 890
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	14B	NCH-201 883
NRC-C-5493	8L	NCH-201 881
NRC-C-5503	11E	NCH-201 880
NRC-C-5522	20B	NCH-202 235
NRC-C-5527	18D	NCH-202 234
NRC-C-5535	7C	NCH-202 236
NRC-C-5543	7D	NCH-202 239
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NRC-TT-1194	14B	NCH-201 883
	14B	NCH-201 883
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NRC-TT-1198	18D	NCH-202 234
NRC-TT-1201	20B	NCH-202 235
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TT-65-62770	11F	TT-65-62770
TT-65-62771	11F	TT-65-62771
TT-65-62772	1C	TT-65-62772
TT-65-62773	20M	TT-65-62773
TT-65-62774	11F	TT-65-62774
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TT-65-62777	3B	TT-65-62777
TT-65-62778	20H	TT-65-62778
TT-65-62780	4A	TT-65-62780
TT-65-62781	22B	TT-65-62781
TT-65-62782	20H	TT-65-62782
TT-65-62784	20H	TT-65-62784

ACCESSION/REPORT NO.	FLD/GP	ACCESS. NO.
TT-65-62785	4A	TT-65-62785
TT-65-62788	20I	TT-65-62788
TT-65-62856	6N	TT-65-62856
TT-65-62875	7C	TT-65-62875
TT-65-62910	6E	TT-65-62910
TT-65-62912	6E	TT-65-62912
TT-65-62914	6E	TT-65-62914
TT-65-62915	6E	TT-65-62915
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TT-65-63096	20L	TT-65-63096
TT-65-63097	21E	TT-65-63097
TT-65-63101	20C	TT-65-63101
TT-65-63102	17G	TT-65-63102
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TT-65-63424	20K	TT-65-63424
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ACCESSION/REPORT NO.	FLD/GP	ACCESS. NO.
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TTIS-NS-409	11C	NCH-202 267
TTIS-NS-410	11L	NCH-202 268
TTIS-NS-411	11B	NCH-202 269
TTIS-NS-412	11C	NCH-202 270
TTIS-NS-413	7C	NCH-202 271
TTIS-NS-415	11C	NCH-202 273
TTIS-NS-416	7D	NCH-202 274
TTIS-NS-417	7D	NCH-202 275
TTIS-NS-420	7A	NCH-202 278
TTIS-NS-421	13C	NCH-202 279
TTIS-NS-422	7C	NCH-202 280
TTIS-NS-423	11I	NCH-202 281
TTIS-NS-424	11I	NCH-202 282
TTIS-NS-425	11F	NCH-202 283
TTIS-NS-426	11I	NCH-202 284
TTIS-NS-427	11H	NCH-202 285
TTIS-NS-428	7A	NCH-202 286
TTIS-NS-429	7A	NCH-202 287
TTIS-NS-430	13L	NCH-202 288
TTIS-NS-431	7A	NCH-202 289
TTIS-NS-432	19A	NCH-202 290
TTIS-NS-433	11C	NCH-202 291
TTIS-NS-434	11C	NCH-202 292
TTIS-NS-435	11C	NCH-202 293
TTIS-NS-436	7C	NCH-202 294
TTIS-NS-437	7C	NCH-202 295
TTIS-NS-438	11C	NCH-202 296
TTIS-NS-440	11A	NCH-202 298
TTIS-NS-441	11H	NCH-202 299
TTIS-NS-442	8I	NCH-202 300
TTIS-NS-443	8G	NCH-202 301
TTIS-NS-445	11C	NCH-202 303
WB/T-106	4B	TT-65-62511

PRICE LIST

CFSTI ORDER NO.	FLD/GP	HC	PRICE	MF
AD-619 422	13K	$6.00		$1.25
AD-619 432	9D	$1.00		$0.50
AD-619 434	20I	$1.00		$0.50
AD-619 436	11C	$1.00		$0.50
AD-619 451	11E	$1.00		$0.50
AD-619 468	13I	$1.00		$0.50
AD-619 470	20B	$1.00		$0.50
AD-619 472	11F	$1.00		$0.50
AD-619 473	20L	$1.00		$0.50
AD-619 474	21E	$2.00		$0.50
AD-619 478	20C	$3.00		$0.75
AD-619 479	17G	$1.00		$0.50
AD-619 482	11I	$1.00		$0.50
AD-619 519	3A	$1.00		$0.50
AD-619 520	21E	$1.00		$0.50
AD-619 521	21E	$1.00		$0.50
AD-619 555	21E	$1.00		$0.50
AD-619 556	12A	$1.00		$0.50
AD-619 557	20K	$1.00		$0.50
AD-619 558	1C	$1.00		$0.50
AD-619 562	20H	$2.00		$0.50
AD-619 566	7C	$1.00		$0.50
AD-620 000	8C	$1.00		$0.50
AD-620 001	8C	$1.00		$0.50
AD-620 075	11C	$1.00		$0.50
AD-620 077	7A	$1.00		$0.50
AD-620 079	11F	$1.00		$0.50
AD-620 088	7D	$1.00		$0.50
AD-620 098	13H	$1.00		$0.50
AD-620 101	20B	$1.00		$0.50
AD-620 131	13H	$1.00		$0.50
AD-620 155	20C	$1.00		$0.50
AD-620 499	6C	$1.00		$0.50
AD-620 504	4A	$5.00		$1.00
AD-620 757	21H	$6.00		$1.25
AD-620 758	9B	$6.00		$1.25
AD-620 759	19G	$1.00		$0.50
AD-620 761	17B	$1.00		$0.50
AD-620 763	1A	$1.00		$0.50
AD-620 764	11J	$1.00		$0.50
AD-620 765	9E	$1.00		$0.50
AD-620 766	13I	$1.00		$0.50
AD-620 767	5A	$1.00		$0.50
AD-620 768	7A	$1.00		$0.50
AD-620 770	1A	$1.00		$0.50
AD-620 771	11I	$1.00		$0.50
AD-620 773	11F	$1.00		$0.50
AD-620 774	13H	$1.00		$0.50
AD-620 775	11E	$1.00		$0.50
AD-620 783	9C	$1.00		$0.50
AD-620 785	9D	$2.00		$0.50
AD-620 786	9C	$1.00		$0.50
AD-620 787	9A	$1.00		$0.50
AD-620 789	11F	$1.00		$0.50
AD-620 790	11F	$1.00		$0.50
AD-620 791	21H	$1.00		$0.50
AD-620 803	11F	$1.00		$0.50
AD-620 804	20I	$1.00		$0.50
AD-620 806	22C	$1.00		$0.50
AD-620 807	21E	$1.00		$0.50
AD-620 811	20D	$1.00		$0.50
AD-620 813	7D	$1.00		$0.50
AD-620 814	20I	$1.00		$0.50
AD-620 818	20F	$1.00		$0.50
AD-620 819	11E	$1.00		$0.50
AD-620 822	20I	$1.00		$0.50
AD-620 824	20I	$1.00		$0.50
AD-620 856	20I	$1.00		$0.50
AD-620 862	21E	$1.00		$0.50
AD-620 864	18A	$2.00		$0.50
AD-620 948	7D	$1.00		$0.50
AD-620 951	21E	$1.00		$0.50
AD-620 965	20K	$1.00		$0.50
AD-620 966	17C	$3.00		$0.75
AD-620 968	11F	$1.00		$0.50
AD-620 969	11I	$1.00		$0.50
AD-620 972	11I	$1.00		$0.50
AD-620 974	21G	$1.00		$0.50
AD-620 975	22C	$1.00		$0.50
AD-620 976	13H	$1.00		$0.50
AD-620 996	4A	$1.00		$0.50
AD-620 999	11I	$1.00		$0.50
AD-621 003	13I	$1.00		$0.50
AD-621 005	20L	$2.00		$0.50
AD-621 007	14E	$1.00		$0.50
AD-621 008	11H	$1.00		$0.50
AD-621 009	9D	$1.00		$0.50
AD-621 013	20N	$1.00		$0.50
AD-621 040	11F	$1.00		$0.50
AD-621 051	20B	$1.00		$0.50
AD-621 057	11E	$1.00		$0.50
AD-621 059	14E	$1.00		$0.50
AD-621 060	13G	$1.00		$0.50
AD-621 061	20N	$1.00		$0.50
AD-621 142	9E	$1.00		$0.50
AD-621 193	3B	$1.00		$0.50
AD-621 195	3B	$1.00		$0.50
AD-621 196	3B	$1.00		$0.50
AD-621 418	17I	$3.00		$0.75
AD-621 419	17I	$3.00		$0.75
AD-621 421	9D	$1.00		$0.50
AD-621 422	17I	$1.00		$0.50
AD-621 423	20M	$1.00		$0.50
AD-621 424	11F	$1.00		$0.50
AD-621 644	15C	$6.00		$1.25
AD-621 682	13J	$6.00		$1.25
AD-621 690	6S	$1.00		$0.50
AD-621 692	9A	$1.00		$0.50
AD-621 738	21B	$7.00		$1.75
AD-621 744	6T	$6.00		$1.25
AD-621 802	22A	$1.00		$0.50
AD-621 803	20E	$1.00		$0.50
AD-621 804	15G	$1.00		$0.50
AD-621 805	16D	$1.00		$0.50
AD-621 806	10A	$1.00		$0.50
AD-621 807	5I	$1.00		$0.50
AD-621 808	22A	$1.00		$0.50
AD-621 810	6S	$1.00		$0.50
AD-621 812	21E	$1.00		$0.50
AD-621 816	21I	$1.00		$0.50
AD-621 817	13F	$1.00		$0.50
AD-621 818	21D	$1.00		$0.50
AD-621 819	21D	$1.00		$0.50
AD-621 820	11H	$1.00		$0.50
AD-621 821	9A	$1.00		$0.50
AD-621 822	20L	$1.00		$0.50
AD-621 874	21D	$1.00		$0.50
AD-621 881	20H	$1.00		$0.50
AD-621 882	21D	$1.00		$0.50
AD-621 883	21D	$1.00		$0.50
AD-621 884	21I	$1.00		$0.50
AD-621 885	21I	$1.00		$0.50
AD-621 887	8K	$2.00		$0.50
AD-621 936	9A	$1.00		$0.50
AD-622 024	4B	$4.00		$1.00
AD-622 077	9B	$1.00		$0.50
AD-622 095	13B	$1.00		$0.50
AD-622 195	19D	$3.00		$0.75
AD-622 232	20E	$4.00		$1.00
AD-622 233	4B	$4.00		$1.00
AD-622 235	9C	$3.00		$0.75
AD-622 236	4B	$6.00		$1.25
AD-622 237	11J	$3.00		$0.75
AD-622 239	7D	$3.00		$0.75
AD-622 241	8G	$3.00		$0.75
AD-622 242	15G	$3.00		$0.75
AD-622 243	3C	$4.00		$1.00
AD-622 244	3A	$6.00		$1.25
AD-622 245	21G	$3.00		$0.75
AD-622 259	8J	$4.00		$0.75
AD-622 260	8J	$3.00		$0.75
N65-14563	1A	$5.00		$1.00
N65-14567	11F	$1.00		$0.50
N65-14603	20N	$1.00		$0.50
N65-14604	3B	$1.00		$0.50
N65-14606	6S	$2.00		$0.50
N65-14608	20I	$1.00		$0.50
N65-14612	3B	$1.00		$0.50
N65-14616	20H	$1.00		$0.50
N65-14617	20M	$1.00		$0.50
N65-14620	20H	$1.00		$0.50
N65-14621	20H	$1.00		$0.50
N65-14622	4A	$1.00		$0.50
N65-15058	20I	$1.00		$0.50
N65-15060	1A	$1.00		$0.50
N65-15061	20I	$1.00		$0.50
N65-15157	20K	$2.00		$0.50
N65-15158	7D	$1.00		$0.50
N65-15159	20K	$1.00		$0.50
N65-15161	4A	$1.00		$0.50
N65-15162	20H	$1.00		$0.50
N65-15351	20K	$2.00		$0.50
N65-16306	7D	$2.00		$0.50
N65-16310	20M	$1.00		$0.50
N65-17267	20B	$1.00		$0.50
N65-17298	8G	$2.00		$0.50
N65-17299	13K	$1.00		$0.50
N65-19266	20I	$7.00		$1.75
N65-19506	20I	$1.00		$0.50
N65-19507	20H	$1.00		$0.50
N65-19509	20K	$1.00		$0.50
N65-19511	12A	$1.00		$0.50
N65-19512	1A	$1.00		$0.50
N65-19513	8N	$1.00		$0.50
N65-19704	7D	$1.00		$0.50
N65-19705	4B	$1.00		$0.50
N65-19707	4A	$1.00		$0.50
N65-19708	20I	$1.00		$0.50
N65-21002	11B	$1.00		$0.50
N65-21005	3B	$1.00		$0.50
N65-21627	20A	$1.00		$0.50
N65-21633	9B	$1.00		$0.50
N65-21634	11I	$1.00		$0.50
N65-22581	20I	$1.00		$0.50
N65-22584	20H	$1.00		$0.50
N65-22585	20I	$1.00		$0.50
N65-22587	20I	$1.00		$0.50
N65-22588	3B	$1.00		$0.50
N65-22589	3B	$1.00		$0.50
N65-22590	20I	$1.00		$0.50
N65-22591	20H	$1.00		$0.50
N65-22592	4A	$1.00		$0.50
N65-22594	4A	$1.00		$0.50
N65-22595	4A	$1.00		$0.50
N65-22599	20C	$1.00		$0.50
N65-22604	8N	$1.00		$0.50
N65-22620	20K	$1.00		$0.50
N65-22623	21B	$1.00		$0.50
N65-22625	20K	$1.00		$0.50
N65-22855	20I	$1.00		$0.50
N65-22856	20N	$1.00		$0.50
N65-22857	8C	$1.00		$0.50
N65-22858	20C	$1.00		$0.50
N65-23250	8N	$1.00		$0.50
N65-23624	20H	$1.00		$0.50
N65-23673	22	$2.00		$0.50
N65-23676	12A	$2.00		$0.50
N65-23677	22C	$3.00		$0.50
N65-23679	7A	$1.00		$0.50
N65-23680	11F	$1.00		$0.50
N65-23681	20M	$1.00		$0.50
N65-23685	11F	$1.00		$0.50
N65-23686	11F	$1.00		$0.50
N65-23687	1C	$1.00		$0.50
N65-23715	20M	$1.00		$0.50
N65-23716	11F	$1.00		$0.50
N65-23902	3B	$1.00		$0.50
N65-23903	3B	$1.00		$0.50
N65-23904	20H	$1.00		$0.50
N65-23906	4A	$1.00		$0.50
N65-23907	22B	$1.00		$0.50
N65-24035	20H	$1.00		$0.50
N65-24037	20H	$1.00		$0.50
N65-24038	4A	$1.00		$0.50
N65-24109	20I	$1.00		$0.50
N65-24371	20K	$1.00		$0.50
N65-62760	7D	$2.00		$0.50
TT-61-11147-116	3A	$3.00		$0.75
TT-64-51382	5D	$8.55		$2.50
TT-64-51581	2A	$1.00		$0.50
TT-65-30366	9A	$1.00		$0.50
TT-65-30971	8C	$3.00		$0.75
TT-65-30972	8C	$1.00		$0.50
TT-65-31036	8G	$1.00		$0.50
TT-65-31385	2C	$2.00		$0.50
TT-65-31403	9B	$1.00		$0.50
TT-65-31421	5C	$4.00		$1.00
TT-65-31423	4B	$3.00		$0.75
TT-65-31744	5D	$3.00		$0.75
TT-65-31772	5A	$1.00		$0.50
TT-65-31858	7A	$1.00		$0.50
TT-65-31915	14B	$2.00		$0.50
TT-65-31918	13L	$1.00		$0.50
TT-65-31919	5C	$3.00		$0.75
TT-65-31966	11I	$2.00		$0.50
TT-65-32092	13H	$1.00		$0.50
TT-65-32139	13I	$2.00		$0.50
TT-65-32161	14A	$1.00		$0.50
TT-65-32257	9E	$1.00		$0.50
TT-65-32279	5C	$1.00		$0.50
TT-65-32297	5A	$1.00		$0.50
TT-65-32330	5I	$2.00		$0.50
TT-65-32331	5A	$1.00		$0.50
TT-65-32337	15F	$4.00		$0.75
TT-65-32360	15C	$2.00		$0.50
TT-65-32361	9D	$1.00		$0.50
TT-65-32365	13M	$1.00		$0.50
TT-65-32367	5D	$3.00		$0.75
TT-65-32368	5A	$2.00		$0.50
TT-65-32369	5C	$2.00		$0.50
TT-65-32374	5A	$2.00		$0.50
TT-65-32375	5C	$1.00		$0.50
TT-65-32377	5C	$3.00		$0.75
TT-65-32379	18C	$1.00		$0.50
TT-65-32384	5A	$1.00		$0.50
TT-65-32389	5D	$2.00		$0.50
TT-65-32392	5C	$1.00		$0.50
TT-65-32393	8B	$1.00		$0.50
TT-65-32395	14B	$1.00		$0.50
TT-65-32399	5D	$3.00		$0.50
TT-65-32406	5D	$1.00		$0.50
TT-65-32431	5A	$1.00		$0.50
TT-65-32432	5C	$1.00		$0.50
TT-65-32454	5C	$1.00		$0.50
TT-65-32456	5C	$2.00		$0.50
TT-65-32464	9A	$2.00		$0.50
TT-65-32466	5D	$1.00		$0.50
TT-65-32468	9B	$4.00		$1.00
TT-65-32469	5C	$2.00		$0.50
TT-65-32470	8I	$2.00		$0.50
TT-65-32471	2C	$1.00		$0.50
TT-65-32472	15C	$2.00		$0.50
TT-65-32473	13I	$2.00		$0.50
TT-65-32474	5C	$4.00		$0.75
TT-65-32475	14B	$1.00		$0.50
TT-65-32479	2C	$1.00		$0.50
TT-65-32480	7A	$2.00		$0.50
TT-65-32481	17B	$1.00		$0.50
TT-65-32482	13F	$1.00		$0.50
TT-65-32483	5D	$1.00		$0.50
TT-65-32489	5D	$1.00		$0.50
TT-65-32490	5C	$1.00		$0.50
TT-65-32491	3B	$1.00		$0.50

CFSTI ORDER NO.	FLD/GP	HC	PRICE	MF
TT-65-32492	5C	$1.00		$0.50
TT-65-32493	5D	$3.00		$0.75
TT-65-32495	2B	$1.00		$0.50
TT-65-32496	5C	$3.00		$0.75
TT-65-32499	*6	$1.00		$0.50
TT-65-32500	8	$1.00		$0.50
TT-65-32501	15	$2.00		$0.50
TT-65-32502	13I	$1.00		$0.50
TT-65-32504	2E	$1.00		$0.50
TT-65-32512	1C	$5.00		$1.00
TT-65-32513	5D	$2.00		$0.50
TT-65-32515	2D	$1.00		$0.50
TT-65-32516	5C	$2.00		$0.50
TT-65-32517	5D	$1.00		$0.50
TT-65-32518	2C	$2.00		$0.50
TT-65-32519	5A	$3.00		$0.50
TT-65-32521	5C	$1.00		$0.50
TT-65-32522	5D	$4.00		$0.75
TT-65-32524	13B	$1.00		$0.50
TT-65-32526	13H	$3.00		$0.75
TT-65-32527	20E	$2.00		$0.50
TT-65-32528	8I	$1.00		$0.50
TT-65-32530	11F	$1.00		$0.50
TT-65-32531	13I	$1.00		$0.50
TT-65-32532	5D	$3.00		$0.75
TT-65-32533	5C	$1.00		$0.50
TT-65-32538	5C	$1.00		$0.50
TT-65-32539	5D	$1.00		$0.50
TT-65-32542	5D	$1.00		$0.50
TT-65-32564	5C	$2.00		$0.50
TT-65-32565	5C	$3.00		$0.50
TT-65-32566	2G	$5.00		$1.00
TT-65-32567	5C	$1.00		$0.50
TT-65-32568	5D	$4.00		$0.75
TT-65-32569	5C	$3.00		$0.75
TT-65-32570	5D	$1.00		$0.50
TT-65-32571	5D	$2.00		$0.50
TT-65-32573	5D	$2.00		$0.50
TT-65-32574	4B	$1.00		$0.50
TT-65-32577	9C	$1.00		$0.50
TT-65-32579	5D	$5.00		$1.50
TT-65-32580	11F	$3.00		$0.75
TT-65-32584	13I	$2.00		$0.50
TT-65-32585	5D	$1.00		$0.50
TT-65-32586	13C	$3.00		$0.75
TT-65-32587	5D	$1.00		$0.50
TT-65-32588	11I	$2.00		$0.50
TT-65-32590	5D	$3.00		$0.75
TT-65-32591	5D	$3.00		$0.50
TT-65-32592	9C	$3.00		$0.75
TT-65-32593	2F	$1.00		$0.50
TT-65-32594	5C	$3.00		$0.75
TT-65-32595	2D	$1.00		$0.50
TT-65-32596	2	$4.00		$1.00
TT-65-32597	5C	$1.00		$0.50
TT-65-32598	5D	$3.00		$0.75
TT-65-32599	5C	$1.00		$0.50
TT-65-32600	11F	$1.00		$0.50
TT-65-32601	5C	$2.00		$0.50
TT-65-32602	13I	$1.00		$0.50
TT-65-32604	9A	$1.00		$0.50
TT-65-32605	11F	$1.00		$0.50
TT-65-32606	5D	$2.00		$0.50
TT-65-32607	5D	$4.00		$0.75
TT-65-32608	5D	$2.00		$0.50
TT-65-32609	13I	$1.00		$0.50
TT-65-32611	5C	$1.00		$0.50
TT-65-32612	8F	$9.50		$2.75
TT-65-32613	15C	$2.00		$0.50
TT-65-32614	2C	$1.00		$0.50
TT-65-32615	2E	$1.00		$0.50
TT-65-32621	5C	$1.00		$0.50
TT-65-32622	5D	$1.00		$0.50
TT-65-32625	5A	$2.00		$0.50
TT-65-32626	5C	$3.00		$0.75
TT-65-32627	15C	$2.00		$0.50
TT-65-32628	13F	$3.00		$0.75
TT-65-32630	5D	$2.00		$0.50
TT-65-32631	5C	$1.00		$0.50
TT-65-32632	2C	$1.00		$0.50
TT-65-32633	5C	$3.00		$0.75
TT-65-32634	5I	$3.00		$0.75
TT-65-32635	5C	$2.00		$0.50
TT-65-32637	7A	$2.00		$0.50
TT-65-32639	5C	$1.00		$0.50
TT-65-32640	5C	$1.00		$0.50
TT-65-32641	5D	$3.00		$0.75
TT-65-32642	7A	$2.00		$0.50
TT-65-32643	17A	$2.00		$0.50
TT-65-32648	5C	$1.00		$0.50
TT-65-32649	8	$2.00		$0.50
TT-65-32650	11F	$2.00		$0.50

CFSTI ORDER NO.	FLD/GP	HC	PRICE	MF
TT-65-32652	13I	$2.00		$0.50
TT-65-32653	17B	$1.00		$0.50
TT-65-32654	5D	$3.00		$0.75
TT-65-32655	12A	$3.00		$0.50
TT-65-32656	9C	$2.00		$0.50
TT-65-32664	2D	$3.00		$0.75
TT-65-32665	9C	$4.00		$0.75
TT-65-32666	5C	$4.00		$0.75
TT-65-32667-A	2B	$2.00		$0.50
TT-65-32668	5D	$1.00		$0.50
TT-65-32669	5C	$2.00		$0.50
TT-65-32670-A	2E	$2.00		$0.50
TT-65-32698	5C	$2.00		$0.50
TT-65-32700	5D	$1.00		$0.50
TT-65-32701	2D	$1.00		$0.50
TT-65-32702	6E	$1.00		$0.50
TT-65-32703	5D	$3.00		$0.50
TT-65-32704	5A	$2.00		$0.50
TT-65-32705	5I	$1.00		$0.50
TT-65-32706	13M	$2.00		$0.50
TT-65-32708	5D	$3.00		$0.50
TT-65-32709	7A	$1.00		$0.50
TT-65-32710	5D	$2.00		$0.50
TT-65-32711	5C	$2.00		$0.50
TT-65-32757	8G	$1.00		$0.50
TT-65-32759	15D	$2.00		$0.50
TT-65-32761	5C	$2.00		$0.50
TT-65-32762	5K	$3.00		$0.75
TT-65-32763	5C	$1.00		$0.50
TT-65-32764	9B	$1.00		$0.50
TT-65-32766	5D	$1.00		$0.50
TT-65-32767	5C	$1.00		$0.50
TT-65-32770	14B	$1.00		$0.50
TT-65-32771	13H	$4.00		$0.75
TT-65-32772	2G	$6.00		$1.25
TT-65-32773	2D	$1.00		$0.50
TT-65-32774	2A	$2.00		$0.50
TT-65-32775	7A	$2.00		$0.50
TT-65-32776	15	$3.00		$0.75
TT-65-32778	5D	$3.00		$0.75
TT-65-32779	13C	$2.00		$0.50
TT-65-62123	6B	$6.00		$1.25
TT-65-62425	8E	$3.00		$0.75
TT-65-62432	8G	$6.00		$1.25
TT-65-62435	8E	$1.00		$0.50
TT-65-62511	4G	$2.00		$0.50
TT-65-62609	13I	$1.00		$0.50
TT-65-62612	5B	$1.00		$0.50
TT-65-62687	6M	$1.10		$0.50
TT-65-62688	13G	$1.10		$0.50
TT-65-62856	6N	$1.10		$0.50
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P. O. Box 46354
Hollywood, California 90046

AGI
AGI Translations Office
American Geological Institute
1444 N Street, N. W.
Washington, D. C. 20005

AGS
American Geographical Society
Broadway at 156th Street
New York, New York 10032

AGU
American Geophysical Union
Suite 506, 1145 19th Street, N. W.
Washington, D. C. 20036

AIAA
American Institute of Aeronautics and Astronautics
500 Fifth Avenue
New York, New York 10036

AIBS
American Institute of Biological Sciences
2000 P Street, N. W.
Washington, D. C. 20006

AIP
American Institute of Physics
335 East 45th Street
New York, New York 10017

AIS
Argus Information Service
624 N. Eutaw Street
Baltimore, Maryland 21201

AM
Acta Metallurgica
122 East 55th Street
New York, New York 10022

AMS
American Mathematical Society
P. O. Box 6248
Providence, Rhode Island 02906

ANSP
Academy of Natural Sciences of Philadelphia
19th St. and The Parkway
Philadelphia, Pennsylvania 19103

API
Academic Press, Inc.
111 Fifth Avenue
New York, New York 10003

ARS
American Rocket Society, Inc.
20th and Northampton Streets
Easton, Pennsylvania 18042

ATS
Associated Technical Services, Inc.
P. O. Box 271
East Orange, New Jersey 07017

BGIRA
British Glass Industry Research Association
Northumberland Road
Sheffield 10, England

BIHR
Circulation Manager
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2900 West 36th Street
Chicago, Illinois 60632

BISI
British Iron and Steel Industry Translation Service
The Iron and Steel Institute
4, Grosvenor Gardens
London, S. W. 1, England

BWRA
British Welding Research Association
Abington Hall, Abington
Cambridge, England

C/CA
Cement and Concrete Association
52 Grosvenor Gardens
London, S. W. 1, England

CB
Consultants Bureau Enterprises, Inc.
227 West 17th Street
New York, New York 10011

CBT
Centre Belge de Traductions
Bibliotheque Royale
4 Boulevard de l'Empereur
Brussels, Belgium

CCT
Consultants Custom Translations Inc.
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New York, New York 10011

CFSTI
Clearinghouse for Federal Scientific and Technical Information
Port Royal and Braddock Roads
Springfield, Virginia 22151
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CHP
Cleaver-Hume Press, Ltd.
31, Wright's Lane
London, W. 8, England

CID
Centro de Informacion y Documentacion,
Patronato Juan de la Cierva,
Serrano 150, Apartado 743
Madrid 6, Spain

CIDNT
Centralny Instytut Dokumentac ji Naukowo-Technicznej
Warszawa 12
Aleja Niepodleglosci 188
Poland

CNP
Comitato Nazionale per la Produttivita
Service d'Information
Viale Regina Margherita N. 83D
Rome, Italy

CNRS
Centre National de la Recherche Scientifique
Centre de Documentation
15 Quai Anatole France
Paris 7, France

CSIR
Council for Scientific and Industrial Research
The Head
Information Division
P. O. Box 395
Pretoria, Republic of South Africa

CSIRO
Commonwealth Scientific and Industrial Research Organization
Information Service
314 Albert Street
East Melbourne C. 2, Victoria
Australia

CTRA
The Librarian
The Coal Tar Research Association
Oxford Road
Gomersal, Leeds, England

CTS (Chem)
Chemical Translating Service
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Palo Alto, California 94300

CTT
Columbia Technical Translations
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DI
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DTC
Danish Translations Centre,
c/o Library of the Danish Atomic Energy Commission,
Riso, Roskilde, Denmark

EIS
Engineering Information Services
Kirkham, Preston, Lancashire,
England

ES
Erica Stux
584 Moreley Avanue
Akron, Ohio 44320

ETC
European Translations Centre
Doelenstraat 101, Delft,
The Netherlands

ETH
Eidgenossische Technische Hochschule
Zurich, Switzerland

ETHB
Eidgenossische Technische Hochschulbibliotek
Leonhardstrasse 33
Zurich, Switzerland

EURO-T. S.
Euro-Translation Service
20 Rue Europe
Grivegnee (Liege), Belgium

FASEB
Federation of American Societies for Experimental Biology
9650 Wisconsin Avenue
Washington, D. C. 20014

FRI
Fulmer Research Institute, Ltd.
Stoke Poges,
Buckinghamshire, England

FS
Direzione Generale
Azienda Autonoma delle Ferrovie dello Stato
Centro di Documentazione
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GPO
Superintendent of Documents
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GPRC
Geophysical and Polar Research Center
6021 S. Highland Road
Madison, Wisconsin 53706

HB
Henry Brutcher
P. O. Box 157
Altadena, California 91001

HMSO
Her Majesty's Stationery Office
P. O. B. 569
London, S. E. 1, England

HTCBN
Hungarian Trading Company for Books and Newspapers "Kultura"
Budapest 62, P. O. Box 149

ICE
International Chemical Engineering
345 East 47th Street
New York, New York 10017

IEEE
Institute of Electrical and Electronics Engineers
275 Madison Avenue
New York, New York 10016

IICH
International Information Clearing House
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Midland, Michigan 48642

INFOSERV
Infoserv
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West Hartford, Connecticut06097

INT
International Patent Service N. V.
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Redbourne Hertfordshire
England

IP
Interscience Publishers, Inc.
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IPST
Israel Program for Scientific Translation
Kiryat Moshe
P. O. Box 7145
Jerusalem, Israel

ISA
Instrument Society of America
530 William Penn Place
Pittsburgh, Pennsylvania 15219

JBS
John B. Southard
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Englewood, New Jersey

K-H
Kresge-Hooker Science Library Associates
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Detroit, Michigan 48202

LAND-AIR
Land-Air, Inc.
Pacific Missile Range
Point Mugu, California 95468

LC
Photoduplication Service
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LNEC
Laboratorio Nacional de Engenharia Civil
Ministerio das Obras Publicas
Avenida do Brasil
Lisbon 5, Portugal

LS
Lingua Scientiae
Box 21086 Campus Station
Cincinnati, Ohio 45221

LSA
Literature Service Associate
Route 1
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MACL
Maclaren and Sons, Ltd.
Maclaren House
131 Great Suffolk Street
London, S. E. 1, England

MACM
Macmillan Co.
60 Fifth Avenue
New York, New ork 10011

MDF
Morris D. Friedman
7553 Waterford Drive
San Jose, California 95129

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Metal Finishing Abstracts Translation Services
85 Udney Park Road
Teddington, Middlesex, England

MPIK
Max-Planck-Institut fur Kohlenforschung
Bibliothek der Abteilung Strahlenchemie Stiftstrasse 34-36
433 Mulheim and der Ruhr,
West Germany

MT
M. de O. Tollemache
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Umberleigh, Devon, England

MUL
Mulholland Engineering Translations
26 Burton Woods Lane
Cincinnati, Ohio 45229

NASA
National Aeronautics and Space Administration
1520 H Street, N. W.
Washington, D. C. 20546

NIAE
National Institute of Agricultural Engineering
Wrest Park, Silsoe
Bedford, England

NLL
National Lending Library for Science and Technology
Boston Spa, Yorkshire, England

NRC
National Research Council, Library
Ottawa 2, Canada

OB
Oliver and Boyd, Ltd.
Tweeddale Court
14 High Street
Edinburgh 1, Scotland

OSA
Optical Society of America, Inc.
33 University Road
Cambridge, Massachusetts 02138

PANSDOC
Pakistan National Scientific and Technical Documentation Centre
2/141-S
P.E.C.H.S.
Karachi 29, Pakistan

PERA
The Information Manager
Production Engineering Research Association
Melton Mowbray
Leicestershire, England

PLP
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PP
Pergamon Press
44-01 21st Street
Long Island City, New York 11100

PS
Primary Sources
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RIA
Research International Associates
1522 Connecticut Avenue, N. W.
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Research Information Service
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15/2027 Chogo
Fujisawa, Japan

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Business Manager
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SIC
Scientific Information Consultants Limited
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London N. W. 2, England

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SSSA
Soil Science Society of America, Inc.
Program Director, Soviet Soil Science
677 South Segoe Road
Madison, Wisconsin 53711

ST
Scripta Technica, Inc.
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Swedish Translation Centre
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Scientific Translation Service
1938 Verdugo Knolls Drive
Glendale, California 91200

STT
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TC
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TDL
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Technische Informationsbibliothek
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TIC
Technical Information Company
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TP
Taurus Press, Inc.
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TTIS
Translation and Technical Information Services
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London, W. C. 1, England

UBO
Royal University Library
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WBI
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Seattle, Washington 98101
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WFK
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83 Westview Road
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